

Dynamic Sky 1.0.0 for SketchUp 2014 and higher (Make/Free/Pro)

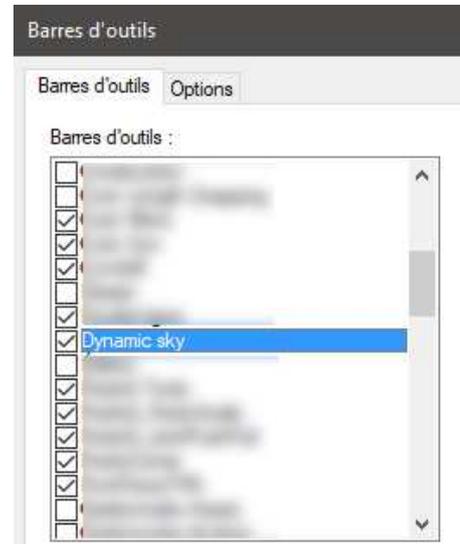
D. Bur - March. 2019

Dynamic sky is a plugin that alters the sky color and/or the ground color, according to the time of the view or scene, as set in the "shadows" palette.

After installation, select **Toolbars** in the Display menu, and tick the Dynamic Sky checkbox:



There are 2 icons in the toolbar:



Foreword:

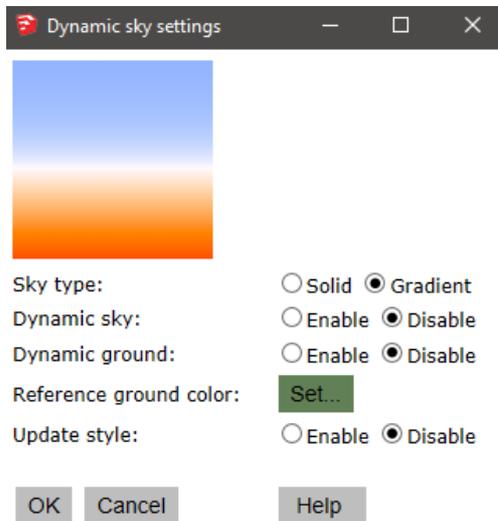
The colors of the sky during daytime vary constantly, because the color of the sun light also vary from about 2000K° at sunrise and sunset to 7000K° at noon. Higher color temperatures (up to 11000K°) may be observed, for instance when the cloud coverage is 100%.



The plugin uses 2 colors (sky color and horizon color) mostly in the range from 2000K° to 9000K°. These colors were converted from a table by Mitchell Charity at <http://www.vendian.org/>

1. Settings:

Clicking on the icon  will display this dialog:



Sky type:

Select either a **solid** sky or a **gradient** sky. Solid sky has only one color while gradient sky smoothly blends from horizon color to zenith color.

Dynamic sky:

When the **Enable** radio button is checked, the sky colors change in real time when you change the time or date in the "Shadows" palette.

When the **Disable** radio button is checked, the sky remains static. Anyway, after a change in the time or date, you can update the sky, using the other icon.

Dynamic ground:

When the **Enable** radio button is checked, the color of the ground changes in real time when you change the time or date in the "Shadows" palette.

When the **Disable** radio button is checked, the color of the ground remains static. Anyway, after a change in the time or date, you can update the ground color, using the other icon.

Reference ground color:

The **Set...** button let you set the ground color you want for your view/scene, as illuminated at noon. The button has the same color than your current ground color. Just click on the button to make this color the reference color.

Update style:

When the **Enable** radio button is checked, the selected style of your view/scene will be updated each time you modify the time of day in the "Shadows" palette.

When the **Disable** radio button is checked, the selected style of your view/scene is left as is, whatever you do.

1. Settings:



Clicking on the icon  will update the view/scene, if either dynamic sky or dynamic ground is disabled, or both.

This update is done according to the current time/date.
