

Converting Colors

HunterLab(49.7321, 21.8139,
-78.0085)

Have a look what the booklet for
HunterLab(49.7321, 21.8139,
-78.0085) contains.

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Color

**HunterLab(49.6522, 21.8225,
-78.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	657EFB
RGB	101, 126, 251
RGB Percent	40%, 49%, 98%
CMY	0.6039, 0.5059, 0.0157
CMYK	0.60, 0.50, 0.00, 0.02
HSL	230°, 95%, 69%
HSV	230°, 60%, 98%
XYZ	30.2402, 24.6534, 94.4314
YIQ	132.7750, -55.0250, 33.5750

Conversions

Conversions Part 2

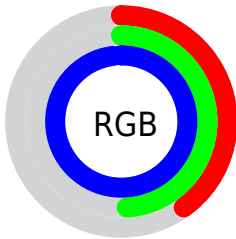
Format	Color
RYB	101, 122, 251
Decimal	6651643
CIELab	56.74, 27.82, -65.32
CIELCh	57, 70.999, 293.071
Yxy	24.6542, 0.2025, 0.1651
Android (android.graphics.Color)	4284841723 (0xFF657EFB)
YUV	132.7750, 58.2849, -27.8667
Hunter-Lab	49.6522, 21.8225, -78.0046

Details

The HunterLab color $49.6522, 21.8225, -78.0046$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $87.0895, -10.3036, 45.1005$, and the grayscale version is $48.1353, -2.5684, 2.6153$.

A 20% lighter version of the original color is $68.4451, 8.2043, -39.6340$, and $30.7773, 19.8627, -79.0099$ is the 20% darker color. If you saturate the color by 10%, you get $43.1485, 29.7568, -98.3008$, and if you desaturate by 10%, it is $56.7900, 15.1978, -60.0252$.

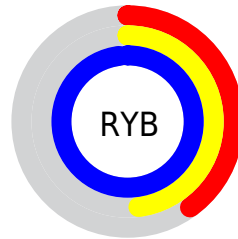
Distribution



Red (40%)

Green (49%)

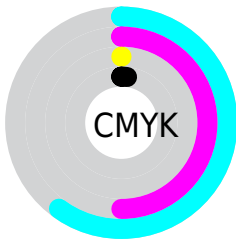
Blue (98%)



Red (40%)

Yellow (48%)

Blue (98%)

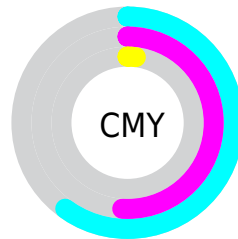


Cyan (60%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6522, 21.8225, -78.0046 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 49.6522, 21.8225, -78.0046 by changing the saturation by 10% instead.

■ 49.6522, 21.8225,
-78.0046

■ 49.6522, 21.8225,
-78.0046

166.1659, 26.0180,
-84.6700

■ 39.7738, 20.9199,
-78.0980

■ 71.4812, 23.3083,
-78.9164

■ 30.6538, 19.8913,
-78.9564

■ 83.3494, 23.9110,
-79.6403

■ 22.3623, 18.7230,
-81.2685

■ 95.8103, 24.4319,
-80.4448

■ 14.9923, 17.4061,
-86.6754

108.8368, 24.8780,
-81.2898

■ 8.6361, 16.1952,
-100.6534

122.4054, 25.2550,
-82.1495

0.0000, INF, -NF

0.0000, NaN, -NF

136.4952, 25.5679,

-83.0065

0.0000, NaN, -NF

151.0876, 25.8210,
-83.8494

0.0000, NaN, -NF

■ 49.6522, 21.8225,
-78.0046

■ 49.6522, 21.8225,
-78.0046

■ 43.1485, 29.7568,
-98.3008

■ 56.7900, 15.1978,
-60.0252

■ 37.4570, 39.0590,
-120.7006

■ 64.4276, 9.6720,
-44.1201

■ 32.8076, 49.3491,
-143.8586

■ 72.4710, 5.0268,
-29.9232

■ 29.4082, 59.3689,
-164.8435

■ 80.8520, 1.0749,
-17.0883

■ 29.3403, 59.5886,
-165.3076

■ 89.5200, -2.3320,
-5.3263

98.4373, -5.3084,
5.5922

99.8725, -6.0349,
7.2538

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.6530, -9.3698, -87.4042



49.6522, 21.8225, -78.0046



49.6530, 51.8779, -42.3957

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6530, 21.8235, -78.0031



49.6530, 36.6246, 29.4981



49.6530, -47.6499, 8.8326

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.6522, 21.8225, -78.0046



87.0895, -10.3036, 45.1005

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.6530, -40.6188, 25.5481



49.6522, 21.8225, -78.0046



49.6530, 4.4430, 32.0637

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.6530, 21.8235, -78.0031



49.6530, 61.7331, 19.6536



49.6530, -23.1473, 31.2312



49.6530, -45.0971, -23.7139

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.6522, 21.8225, -78.0046



49.6530, 64.8160, -15.9075



49.6530, -23.1473, 31.2312



49.6530, -46.3976, 16.0860

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.6530, 21.8235, -78.0031



83.8367, 0.4536, -15.2396



87.8936, -44.9743, 4.8355



37.6152, 0.7096, -8.7277

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.6530, 21.8235, -78.0031



42.5160, 32.3570, -105.1689



47.8056, 46.3931, -82.9226



41.3645, -1.1134, -2.3169



21.5971, 41.9984, -117.6570



7.4864, 9.7502, -30.4051

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.9684, 55.7932, 14.5538



51.7462, 67.8351, 18.6725



90.7482, -38.9516, 47.1914



41.5601, 1.8420, 2.7010



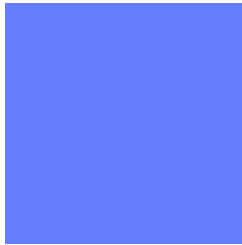
32.9875, 56.7992, 18.9358



10.1035, 17.5237, 4.8141

Previews

White Background



This preview shows how the HunterLab color 49.6522, 21.8225, -78.0046 looks on a white background.

Color Contrast Check

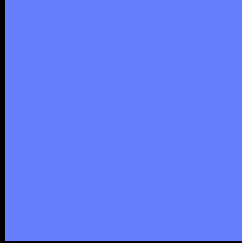
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.6522, 21.8225, -78.0046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

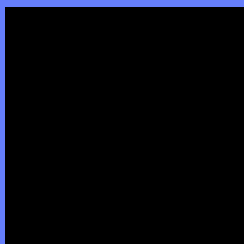
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.6522, 21.8225, -78.0046 Background



This preview shows how black text looks on a background with the HunterLab color 49.6522, 21.8225, -78.0046.



This preview shows how white text looks on a background with the HunterLab color 49.6522, 21.8225, -78.0046.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.6522, 21.8225, -78.0046

Protanopia

49.6805, 15.6387, -82.0206

Deuteranopia

49.7078, 4.2858, -71.3822



Tritanopia

49.6775, -19.3891, -9.4214

Trichromacy



Original Color

49.6522, 21.8225, -78.0046

Protanomaly

49.5598, 17.8925, -81.3235

Deuteranomaly

49.1517, 8.6844, -75.7070

Tritanomaly

49.0941, -6.2694, -30.7883

Monochromacy



Original Color

49.6522, 21.8225, -78.0046

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.1298, 3.6853, -20.8766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6522, 21.8225, -78.0046 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(101, 126, 251)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(101, 126, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6522, 21.8225, -78.0046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 126, 251) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(101, 126, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(101, 126, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 126, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 126, 251); box-shadow:4px 4px 4px 4px rgb(101, 126, 251) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6522, 21.8225, -78.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(101,  
126, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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