

Converting Colors

HunterLab(49.8824, 18.8780,
-80.3821)

Have a look what the booklet for
HunterLab(49.8824, 18.8780,
-80.3821) contains.

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Color

**HunterLab(49.8824, 18.8780,
-80.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	5781FE
RGB	87, 129, 254
RGB Percent	34%, 51%, 100%
CMY	0.6588, 0.4941, 0.0039
CMYK	0.66, 0.49, 0.00, 0.00
HSL	225°, 99%, 67%
HSV	225°, 66%, 100%
XYZ	29.6702, 24.8825, 97.0051
YIQ	130.6920, -65.1570, 29.9710

Conversions

Conversions Part 2

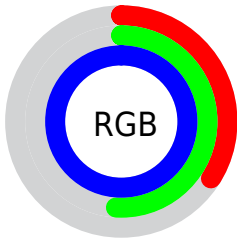
Format	Color
R _Y B	87, 121, 254
Decimal	5734910
CIE Lab	56.96, 24.70, -66.65
CIE LCh	57, 71.078, 290.331
Yxy	24.8833, 0.1958, 0.1642
Android (android.graphics.Color)	4283924990 (0xFF5781FE)
YUV	130.6920, 60.7908, -38.3179
Hunter-Lab	49.8824, 18.8780, -80.3821

Details

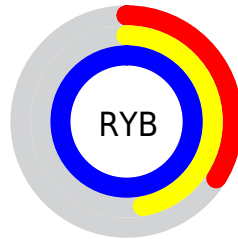
The HunterLab color **49.8824, 18.8780, -80.3821** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **82.9766, -2.9280, 44.6341**, and the grayscale version is **47.3075, -2.5242, 2.5703**.

A 20% lighter version of the original color is **68.5151, 3.9081, -39.5824**, and **31.4172, 18.3481, -78.8771** is the 20% darker color. If you saturate the color by 10%, you get **43.9507, 26.3522, -98.9488**, and if you desaturate by 10%, it is **56.4019, 12.7479, -63.5903**.

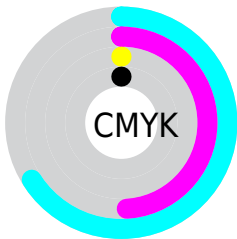
Distribution



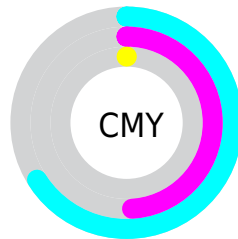
- Red (34%)
- Green (51%)
- Blue (100%)



- Red (34%)
- Yellow (47%)
- Blue (100%)



- Cyan (66%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8824, 18.8780, -80.3821 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 49.8824, 18.8780, -80.3821 by changing the saturation by 10% instead.

■ 49.8824, 18.8780,
-80.3821

■ 49.8824, 18.8780,
-80.3821

166.5101, 21.9621,
-87.0157

■ 39.9876, 18.1210,
-80.5420

■ 71.7411, 20.0879,
-81.2289

■ 30.8499, 17.2421,
-81.5070

■ 83.6229, 20.5597,
-81.9406

■ 22.5389, 16.2257,
-83.9939

■ 96.0968, 20.9540,
-82.7413

■ 15.1469, 15.0555,
-89.7024

■ 109.1357, 21.2776,
-83.5888

■ 8.7789, 13.8781,
-104.0768

122.7162, 21.5358,
-84.4555

0.0000, INF, -NF

0.0000, NaN, -NF

136.8175, 21.7334,

-85.3233

0.0000, NaN, -NF

151.4211, 21.8743,
-86.1795

0.0000, NaN, -NF

■ 49.8824, 18.8780,
-80.3821

■ 49.8824, 18.8780,
-80.3821

■ 43.9507, 26.3522,
-98.9488

■ 56.4019, 12.7479,
-63.5903

■ 38.7460, 35.2208,
-118.9921

■ 63.3958, 7.7735,
-48.4937

■ 34.4317, 45.1900,
-139.4543

■ 70.7808, 3.7508,
-34.8637

■ 32.8755, 49.5152,
-147.9807

■ 78.4939, 0.4967,
-22.4499

■ 86.4872, -2.1386,
-11.0247

■ 94.7241, -4.2742,
-0.3969

99.9679, -5.5116,
5.8912

Harmonies

Analogous

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



49.8831, -11.9412, -86.6342



49.8824, 18.8780, -80.3821



49.8831, 49.6356, -46.2102

Triad

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



49.8831, 18.8792, -80.3807



49.8831, 39.5056, 29.1077



49.8831, -47.5647, 11.0412

Complementary

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



49.8824, 18.8780, -80.3821



82.9766, -2.9280, 44.6341

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.



49.8831, -39.5957, 26.5037



49.8824, 18.8780, -80.3821



49.8831, 7.3444, 32.1186

Square

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



49.8831, 18.8792, -80.3807



49.8831, 63.3532, 18.2012



49.8831, -21.0767, 31.5712



49.8831, -45.8744, -20.2170

Rectangle

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



49.8824, 18.8780, -80.3821



49.8831, 63.6861, -19.3741



49.8831, -21.0767, 31.5712



49.8831, -46.0149, 17.8159

Sweetspot

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



49.8831, 18.8792, -80.3807



83.4222, -1.0882, -15.8546



88.0554, -50.8342, 12.5476



37.5527, -0.1549, -8.8345

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8831, 18.8792, -80.3807



42.3486, 29.2352, -105.8484



42.9039, 49.3114, -102.2780



42.5674, -1.6372, -2.0040



24.2775, 34.6581, -105.1616



8.5954, 7.8859, -27.7669

Inverse Universe

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



54.2899, 63.6170, 11.8849



49.8601, 74.0155, 16.3804



92.7497, -36.8365, 50.7417



42.4994, 2.0533, 2.3320



33.6496, 58.2624, 16.8103



10.5789, 18.4711, 4.0879

Previews

White Background



This preview shows how the HunterLab color 49.8824, 18.8780, -80.3821 looks on a white background.

Color Contrast Check

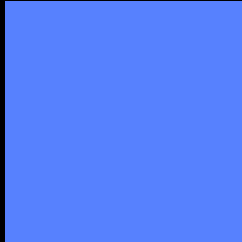
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8824, 18.8780, -80.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

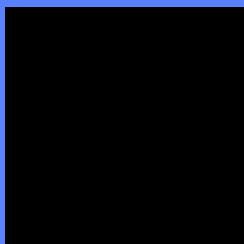
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

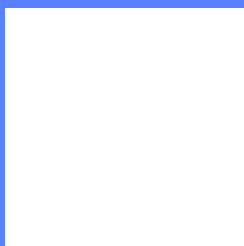
Any Text WCAG AAA × Fail

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

HunterLab 49.8824, 18.8780, -80.3821 Background



This preview shows how black text looks on a background with the HunterLab color 49.8824, 18.8780, -80.3821.



This preview shows how white text looks on a background with the HunterLab color 49.8824, 18.8780, -80.3821.

-80.3821.

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

49.8824, 18.8780, -80.3821

Protanopia

50.0246, 15.3189, -81.0375

Deuteranopia

49.9969, 3.7666, -70.6227



Tritanopia

49.9262, -23.1377, -10.7898

Trichromacy



Original Color

49.8824, 18.8780, -80.3821

Protanomaly

49.9891, 16.5958, -81.1167

Deuteranomaly

49.4088, 8.1982, -75.9782

Tritanomaly

49.1588, -10.4107, -32.8783

Monochromacy



Original Color

49.8824, 18.8780, -80.3821

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.6914, 2.2106, -21.6377

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8824, 18.8780, -80.3821 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(87, 129, 254)` looks like.

```
.text, #text, p{  
    color:rgb(87, 129, 254)  
}
```

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(87, 129, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 129, 254) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8824, 18.8780, -80.3821 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(87, 129, 254) }
```


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

```
.border{ border-color:rgb(87, 129, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 129, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 129, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 129, 254);  
box-shadow:4px 4px 4px 4px rgb(87, 129,  
254) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8824, 18.8780, -80.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 129, 254) }
```

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

```
.background{ background-color: rgb(87, 129,  
254) }
```

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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