

Converting Colors

HunterLab(50.3306, 21.7287,
-80.0551)

Have a look what the booklet for
HunterLab(50.3306, 21.7287,
-80.0551) contains.

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Color

**HunterLab(50.3100, 21.6430,
-80.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	6380FF
RGB	99, 128, 255
RGB Percent	39%, 50%, 100%
CMY	0.6117, 0.4980, 0.0000
CMYK	0.61, 0.50, 0.00, 0.00
HSL	229°, 100%, 69%
HSV	229°, 61%, 100%
XYZ	30.9147, 25.3110, 97.8638
YIQ	133.8070, -58.0510, 33.3490

Conversions

Conversions Part 2

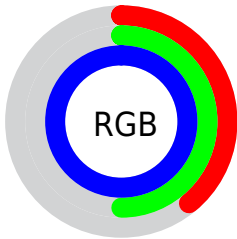
Format	Color
R _{YB}	99, 123, 255
Decimal	6521087
CIE _{Lab}	57.38, 27.58, -66.50
CIE _{LCh}	57, 71.990, 292.525
Yxy	25.3117, 0.2006, 0.1643
Android (android.graphics.Color)	4284711167 (0xFF6380FF)
YUV	133.8070, 59.7481, -30.5257
Hunter-Lab	50.3100, 21.6430, -80.1148

Details

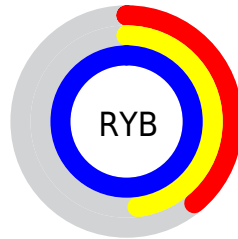
The HunterLab color **50.3100, 21.6430, -80.1148** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **87.4973, -8.9063, 45.7592**, and the grayscale version is **48.5384, -2.5899, 2.6372**.

A 20% lighter version of the original color is **68.9521, 6.8858, -38.7421**, and **31.2959, 19.3608, -80.4502** is the 20% darker color. If you saturate the color by 10%, you get **43.8429, 29.6152, -100.4066**, and if you desaturate by 10%, it is **57.4130, 15.0147, -62.0603**.

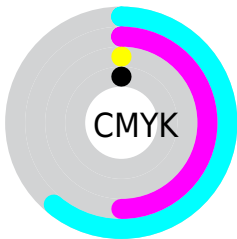
Distribution



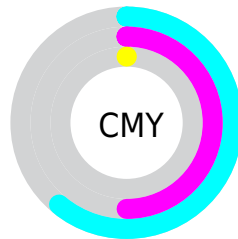
- Red (39%)
- Green (50%)
- Blue (100%)



- Red (39%)
- Yellow (48%)
- Blue (100%)



- Cyan (61%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3100, 21.6430, -80.1148 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 50.3100, 21.6430, -80.1148 by changing the saturation by 10% instead.

■ 50.3100, 21.6430,
-80.1148

■ 50.3100, 21.6430,
-80.1148

167.1486, 25.7105,
-86.7830

■ 40.3849, 20.7588,
-80.2408

■ 72.2236, 23.0950,
-80.9922

■ 31.2144, 19.7499,
-81.1469

■ 84.1307, 23.6823,
-81.7105

■ 22.8673, 18.6022,
-83.5221

■ 96.6285, 24.1886,
-82.5144

■ 15.4348, 17.3054,
-88.9895

109.6905, 24.6207,
-83.3630

■ 9.0376, 15.9346,
-102.4605

123.2931, 24.9844,
-84.2294

0.0000, INF, -NF

0.0000, NaN, -NF

137.4156, 25.2845,

-85.0956

0.0000, NaN, -NF

152.0397, 25.5253,
-85.9496

0.0000, NaN, -NF

■ 50.3100, 21.6430,
-80.1148

■ 50.3100, 21.6430,
-80.1148

■ 43.8429, 29.6152,
-100.4066

■ 57.4130, 15.0147,
-62.0603

■ 38.1851, 38.9881,
-122.6853

■ 65.0195, 9.5209,
-46.0395

■ 33.5561, 49.3897,
-145.6200

■ 73.0358, 4.9413,
-31.7111

■ 30.4708, 58.4617,
-164.2880

■ 81.3933, 1.0855,
-18.7428

■ 90.0410, -2.1987,
-6.8528

98.9408, -5.0290,
4.1853

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



50.3107, -10.0477, -89.0835



50.3100, 21.6430, -80.1148



50.3107, 52.4269, -44.0219

Triad

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



50.3107, 21.6439, -80.1129



50.3107, 37.9121, 29.8606



50.3107, -48.4158, 9.4311

Complementary

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



50.3100, 21.6430, -80.1148



87.4973, -8.9063, 45.7592

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.



50.3107, -41.0904, 26.1411



50.3100, 21.6430, -80.1148



50.3107, 5.1225, 32.5292

Square

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



50.3107, 21.6439, -80.1129



50.3107, 63.2641, 19.6847



50.3107, -23.1245, 31.7503



50.3107, -45.9994, -23.4674

Rectangle

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



50.3100, 21.6430, -80.1148



50.3107, 65.8509, -16.9185



50.3107, -23.1245, 31.7503



50.3107, -47.0852, 16.7054

Sweetspot

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



50.3107, 21.6439, -80.1129



84.1080, -0.0124, -14.8648



89.1875, -47.3338, 7.3411



37.7600, 0.4591, -8.5205

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3107, 21.6439, -80.1129



42.7429, 31.2257, -104.3486



47.1577, 47.4274, -89.0591



42.3365, -1.2491, -2.2933



22.3764, 41.0015, -116.4791



7.9159, 9.7782, -31.0025

Inverse Universe

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



56.3416, 58.5403, 14.2512



51.4647, 68.8924, 17.9991



92.6608, -38.7103, 48.8650



42.4761, 1.9281, 2.6643



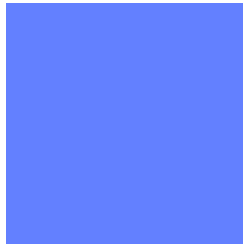
33.5163, 57.7695, 18.7753



10.5252, 18.2734, 4.8734

Previews

White Background



This preview shows how the HunterLab color 50.3100, 21.6430, -80.1148 looks on a white background.

Color Contrast Check

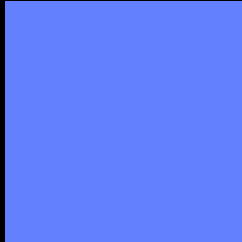
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3100, 21.6430, -80.1148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

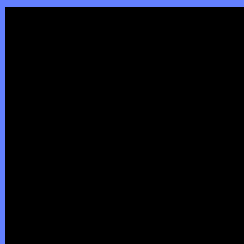
Any Text WCAG AA ✓ Pass

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 50.3100, 21.6430, -80.1148 Background



This preview shows how black text looks on a background with the HunterLab color 50.3100, 21.6430, -80.1148.



This preview shows how white text looks on a background with the HunterLab color 50.3100, 21.6430, -80.1148.

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

50.3100, 21.6430, -80.1148

Protanopia

50.4098, 15.1268, -79.9466

Deuteranopia

50.4694, 4.2246, -72.2019



Tritanopia

50.2052, -20.4867, -9.7903

Trichromacy



Original Color

50.3100, 21.6430, -80.1148

Protanomaly

50.2458, 17.3881, -80.3713

Deuteranomaly

49.8854, 8.5500, -76.6043

Tritanomaly

49.6323, -7.1498, -31.9287

Monochromacy



Original Color

50.3100, 21.6430, -80.1148

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.7666, 3.1361, -21.1038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3100, 21.6430, -80.1148 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(99, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 128, 255)  
}
```

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(99, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 128, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3100, 21.6430, -80.1148 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(99, 128, 255) }
```


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

```
.border{ border-color:rgb(99, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 128,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3100, 21.6430, -80.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 128, 255) }
```

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

```
.background{ background-color: rgb(99, 128,  
255) }
```

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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