

Converting Colors

HunterLab(21.4133, 50.2770,
-134.3357)

Have a look what the booklet for
HunterLab(21.4133, 50.2770,
-134.3357) contains.

HunterLab(21.4049, 50.1119, -133.9197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.4049, 50.1119,
-133.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	0613C6
RGB	6, 19, 198
RGB Percent	2%, 7%, 78%
CMY	0.9763, 0.9255, 0.2235
CMYK	0.97, 0.90, 0.00, 0.22
HSL	236°, 94%, 40%
HSV	236°, 97%, 78%
XYZ	10.5010, 4.5817, 53.7571
YIQ	35.5190, -65.2070, 52.9130

Conversions

Conversions Part 2

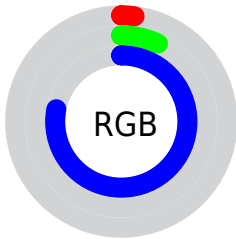
Format	Color
RYB	6, 18, 198
Decimal	398278
CIELab	25.51, 61.01, -86.51
CIELCh	26, 105.856, 305.194
Yxy	4.5817, 0.1525, 0.0666
Android (android.graphics.Color)	4278588358 (0xFF0613C6)
YUV	35.5190, 80.1031, -25.8882
Hunter-Lab	21.4049, 50.1119, -133.9197

Details

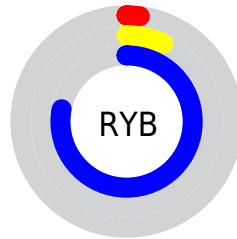
The HunterLab color **21.4049, 50.1119, -133.9197** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **68.3660, -13.4220, 41.7413**, and the grayscale version is **12.9003, -0.6883, 0.7009**.

A 20% lighter version of the original color is **38.5461, 53.8398, -120.8274**, and **13.9750, 37.9071, -99.2980** is the 20% darker color. If you saturate the color by 10%, you get **20.9147, 51.6613, -137.6635**, and if you desaturate by 10%, it is **23.7623, 43.2324, -117.9064**.

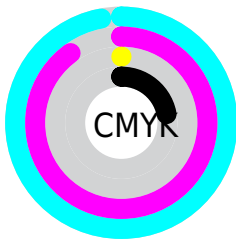
Distribution



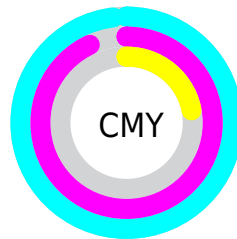
- Red (2%)
- Green (7%)
- Blue (78%)



- Red (2%)
- Yellow (7%)
- Blue (78%)



- Cyan (97%)
- Magenta (90%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (93%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4049, 50.1119, -133.9197 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 21.4049, 50.1119, -133.9197 by changing the saturation by 10% instead.

■ 21.4049, 50.1119,
-133.9197

■ 21.4049, 50.1119,
-133.9197

■ 120.7096, 67.0517,
-120.9790

■ 14.1562, 48.3291,
-149.3108

■ 38.6111, 54.3664,
-122.1844

■ 7.8089, 49.4660,
-189.6116

■ 48.4001, 56.4649,
-120.0769

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.8999, 58.4771,
-119.1062

0.0000, NaN, -NF

■ 70.0652, 60.3902,
-118.8379

0.0000, NaN, -NF

■ 81.8586, 62.2016,
-119.0202

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 94.2482, 63.9131,

-119.4985

0.0000, NaN, NaN

107.2065, 65.5283,
-120.1735

21.4049, 50.1119,
-133.9197

21.4049, 50.1119,
-133.9197

20.9147, 51.6613,
-137.6635

23.7623, 43.2324,
-117.9064

27.3322, 35.2018,
-98.4363

31.8832, 27.4949,
-79.2241

37.1783, 20.7003,
-61.9301

43.0356, 14.8704,
-46.8266

■ 49.3273, 9.8653,
-33.6490

■ 55.9650, 5.5143,
-22.0187

■ 62.8867, 1.6688,
-11.5910

■ 70.0483, -1.7884,
-2.0888

Harmonies

Analogous

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



21.4049, 5.0101, -194.0261



21.4049, 50.1119, -133.9197



21.4049, 94.4185, -43.8280

Triad

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



21.4049, 50.1155, -133.9203



21.4049, 33.1689, 14.9834



21.4049, -36.5369, -5.1622

Complementary

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



21.4049, 50.1119, -133.9197



68.3660, -13.4220, 41.7413

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.



21.4049, -34.6371, 14.9834



21.4049, 50.1119, -133.9197



21.4049, -6.6715, 14.9834

Square

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



21.4049, 50.1155, -133.9203



21.4049, 81.1071, 14.9834



21.4049, -27.0654, 14.9834



21.4049, -32.6863, -72.8639

Rectangle

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



21.4049, 50.1119, -133.9197



21.4049, 108.4013, -4.6353



21.4049, -27.0654, 14.9834



21.4049, -36.5496, 5.6922

Sweetspot

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



21.4049, 50.1155, -133.9203



72.2382, 8.7084, -32.9846



66.1853, -38.3841, 0.4638



31.6479, 5.1821, -18.3447

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



21.4049, 50.1155, -133.9203



27.6173, 69.6490, -184.8713



24.8759, 57.6351, -111.0009



32.2497, -0.4612, -2.0459



17.0031, 41.0917, -109.9575



4.2169, 7.0129, -20.4096

Inverse Universe

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



34.9056, 58.9456, 21.4948



46.1531, 79.1277, 29.1327



66.5240, -42.0886, 40.1003



32.6318, 1.2190, 2.4825



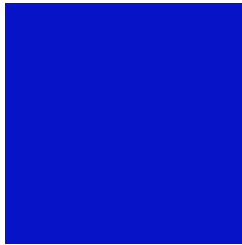
27.9854, 48.0123, 17.4137



6.1235, 10.5728, 3.2888

Previews

White Background



This preview shows how the HunterLab color 21.4049, 50.1119, -133.9197 looks on a white background.

Color Contrast Check

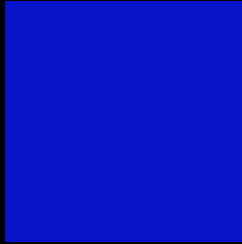
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 21.4049, 50.1119, -133.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

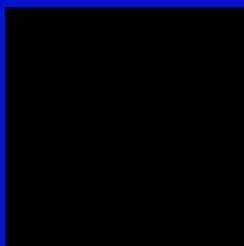
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 21.4049, 50.1119, -133.9197 Background



This preview shows how black text looks on a background with the HunterLab color 21.4049, 50.1119, -133.9197.



This preview shows how white text looks on a background with the HunterLab color 21.4049, 50.1119, -133.9197.

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

21.4049, 50.1119, -133.9197

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.3891, -1.3179, -23.8895



Tritanopia

21.4224, -10.7883, -3.4872

Trichromacy



Original Color

21.4049, 50.1119, -133.9197

Protanomaly

20.1212, 22.5540, -73.4787

Deuteranomaly

19.7738, 16.8663, -60.7599

Tritanomaly

18.9168, 8.1926, -40.9483

Monochromacy



Original Color

21.4049, 50.1119, -133.9197

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

14.0052, 12.8441, -36.9785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4049, 50.1119, -133.9197 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(6, 19, 198)` looks like.

```
.text, #text, p{  
    color:rgb(6, 19, 198)  
}
```

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(6, 19, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 19, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4049, 50.1119, -133.9197 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(6, 19, 198) }
```


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

```
.border{ border-color:rgb(6, 19, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 19, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 19, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 19, 198);  
box-shadow:4px 4px 4px 4px rgb(6, 19, 198)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4049, 50.1119, -133.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 19, 198) }
```

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

```
.background{ background-color: rgb(6, 19,  
198) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor