

Converting Colors

HunterLab(49.4345, 4.7083,
-18.4455)

Have a look what the booklet for
HunterLab(49.4345, 4.7083,
-18.4455) contains.

HunterLab(49.3791, 5.0204, -18.8033)	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(49.3791, 5.0204,
-18.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	8284B0
RGB	130, 132, 176
RGB Percent	51%, 52%, 69%
CMY	0.4902, 0.4823, 0.3098
CMYK	0.26, 0.25, 0.00, 0.31
HSL	237°, 23%, 60%
HSV	237°, 26%, 69%
XYZ	25.2937, 24.3830, 44.4476
YIQ	136.4180, -15.3160, 13.2600

Conversions

Conversions Part 2

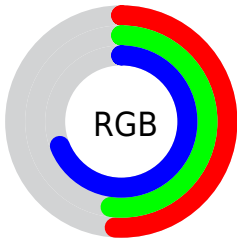
Format	Color
RYB	130, 132, 176
Decimal	8553648
CIELab	56.47, 9.24, -23.42
CIELCh	56, 25.173, 291.537
Yxy	24.3839, 0.2687, 0.2591
Android (android.graphics.Color)	4286743728 (0xFF8284B0)
YUV	136.4180, 19.5139, -5.6286
Hunter-Lab	49.3791, 5.0204, -18.8033

Details

The HunterLab color $49.3791, 5.0204, -18.8033$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $64.1203, -9.0135, 19.8240$, and the grayscale version is $49.7149, -2.6527, 2.7011$.

A 20% lighter version of the original color is $71.2141, 4.9167, -19.5930$, and $30.4612, 4.6642, -17.6219$ is the 20% darker color. If you saturate the color by 10%, you get $43.4807, 8.9696, -29.0597$, and if you desaturate by 10%, it is $55.5311, 1.5008, -9.6109$.

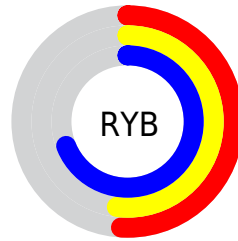
Distribution



Red (51%)

Green (52%)

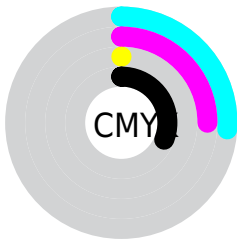
Blue (69%)



Red (51%)

Yellow (52%)

Blue (69%)

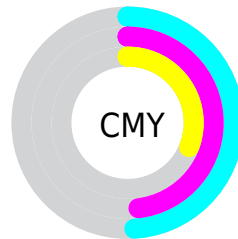


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3791, 5.0204, -18.8033 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 49.3791, 5.0204, -18.8033 by changing the saturation by 10% instead.

■ 49.3791, 5.0204,
-18.8033

■ 49.3791, 5.0204,
-18.8033

165.7576, 2.4268,
-20.1171

■ 39.5205, 5.0318,
-18.3677

■ 71.1730, 4.7934,
-19.4889

■ 30.4216, 4.9636,
-17.8812

■ 83.0250, 4.5929,
-19.7408

■ 22.1533, 4.8007,
-17.3686

■ 95.4704, 4.3409,
-19.9342

■ 14.8095, 4.5216,
-16.9071

108.4822, 4.0415,
-20.0720

■ 8.4634, 4.3408,
-16.9725

122.0366, 3.6977,
-20.1566

0.0000, NaN, -NF

0.0000, NaN, -NF

136.1128, 3.3125,

-20.1908

0.0000, NaN, NaN

150.6920, 2.8882,
-20.1769

0.0000, NaN, NaN

■ 49.3791, 5.0204,
-18.8033

■ 49.3791, 5.0204,
-18.8033

■ 43.4807, 8.9696,
-29.0597

■ 55.5311, 1.5008,
-9.6109

■ 37.8878, 13.4785,
-40.6949

■ 61.8943, -1.6884,
-1.2370

■ 32.6805, 18.6930,
-54.0544

■ 68.4409, -4.6244,
6.5091

■ 27.9734, 24.7297,
-69.3885

■ 75.1489, -7.3647,
13.7709

■ 23.9310, 31.5279,
-86.4663

■ 82.0014, -9.9526,
20.6561

■ 20.7690, 38.5364,
-103.7853

■ 88.9850, -12.4208,
27.2469

■ 18.7001, 44.4105,
-117.9302

■ 96.0887, -14.7944,
33.6059

■ 18.1681, 46.0157,
-122.0432

■ 97.9360, -16.7633,
35.1878

Harmonies

Analogous

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



49.3801, -5.5832, -20.4190



49.3791, 5.0204, -18.8033



49.3801, 14.2432, -10.8610

Triad

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



49.3801, 5.0198, -18.8022



49.3801, 10.6028, 15.5193



49.3801, -21.1163, 5.4403

Complementary

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



49.3791, 5.0204, -18.8033



64.1203, -9.0135, 19.8240

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.



49.3801, -17.5167, 13.2332



49.3791, 5.0204, -18.8033



49.3801, 0.3790, 18.1997

Square

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



49.3801, 5.0198, -18.8022



49.3801, 17.6499, 9.2505



49.3801, -9.8547, 17.4610



49.3801, -20.1003, -4.9209

Rectangle

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



49.3791, 5.0204, -18.8033



49.3801, 18.0797, -3.8116



49.3801, -9.8547, 17.4610



49.3801, -20.4177, 8.4087

Sweetspot

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



49.3801, 5.0198, -18.8022



81.6155, -1.4431, -3.8516



62.3228, -16.4318, 0.1649



37.3994, -0.3818, -2.5553



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



49.3801, 5.0198, -18.8022



62.1589, 9.5542, -32.5877



50.6471, 11.9067, -16.6672



28.7879, -0.3368, -1.8456



15.6345, 39.1099, -103.9688



3.1055, 5.6559, -16.0911

Inverse Universe

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



51.8286, 12.8025, 7.1871



66.2605, 22.0618, 10.8583



62.9771, -16.3064, 18.6374



29.1737, 1.0198, 2.2882



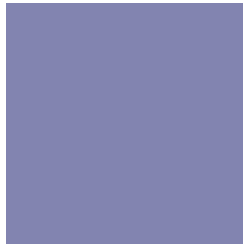
26.0517, 44.6702, 16.4000



4.6424, 8.0025, 2.5940

Previews

White Background



This preview shows how the HunterLab color 49.3791, 5.0204, -18.8033 looks on a white background.

Color Contrast Check

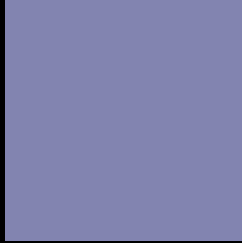
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3791, 5.0204, -18.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

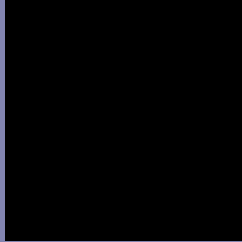
Any Text WCAG AA ✓ Pass

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 49.3791, 5.0204, -18.8033 Background



This preview shows how black text looks on a background with the HunterLab color 49.3791, 5.0204, -18.8033.



This preview shows how white text looks on a background with the HunterLab color 49.3791, 5.0204, -18.8033.

-18.8033.

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

49.3791, 5.0204, -18.8033

Protanopia

49.5072, 2.6828, -19.2613

Deuteranopia

49.4183, 3.7333, -18.7625



Tritanopia

49.3098, -4.4693, -3.3814

Trichromacy



Original Color

49.3791, 5.0204, -18.8033

Protanomaly

49.3812, 3.6894, -19.4484

Deuteranomaly

49.4963, 3.9944, -18.6322

Tritanomaly

49.2262, -1.1507, -8.6481

Monochromacy



Original Color

49.3791, 5.0204, -18.8033

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.6293, -0.2384, -4.4002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3791, 5.0204, -18.8033 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(130, 132, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 132, 176)  
}
```

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(130, 132, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 132, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3791, 5.0204, -18.8033 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(130, 132, 176) }
```


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

```
.border{ border-color:rgb(130, 132, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 132, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 132, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 132, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 132,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3791, 5.0204, -18.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 132, 176) }
```

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

```
.background{ background-color: rgb(130,  
132, 176) }
```

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