

Converting Colors

HunterLab(50.1700, -4.3998,
-37.4195)

Have a look what the booklet for
HunterLab(50.1700, -4.3998,
-37.4195) contains.

HunterLab(50.1700, -4.3998, -37.4195)	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(50.1700, -4.3998,
-37.4195)**

Conversions

Conversions Part 1

Format	Color
Hex	498ECD
RGB	73, 142, 205
RGB Percent	29%, 56%, 80%
CMY	0.7137, 0.4431, 0.1961
CMYK	0.64, 0.31, 0.00, 0.20
HSL	209°, 57%, 55%
HSV	209°, 64%, 80%
XYZ	23.4401, 25.1703, 61.3806
YIQ	128.5510, -61.3470, 4.9650

Conversions

Conversions Part 2

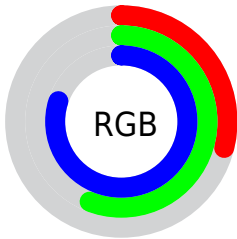
Format	Color
R_{YB}	73, 118, 205
Decimal	4820685
CIE _{Lab}	57.24, -2.14, -38.94
CIE _{LCh}	57, 38.997, 266.853
Yxy	25.1712, 0.2131, 0.2288
Android (android.graphics.Color)	4283010765 (0xFF498ECD)
YUV	128.5510, 37.6894, -48.7182
Hunter-Lab	50.1700, -4.3998, -37.4195

Details

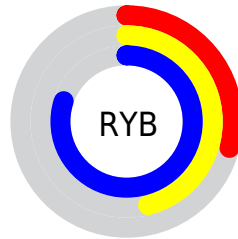
The HunterLab color $50.1700, -4.3998, -37.4195$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $55.7409, 15.1268, 27.9061$, and the grayscale version is $46.5524, -2.4839, 2.5293$.

A 20% lighter version of the original color is $71.5799, -7.4666, -34.3877$, and $31.3947, -1.8812, -35.1797$ is the 20% darker color. If you saturate the color by 10%, you get $46.5972, -2.0857, -44.8147$, and if you desaturate by 10%, it is $53.9896, -5.9455, -30.2646$.

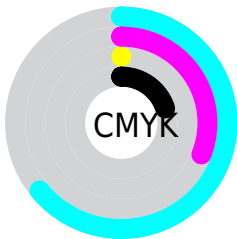
Distribution



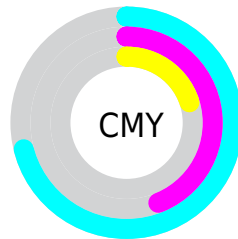
- Red (29%)
- Green (56%)
- Blue (80%)



- Red (29%)
- Yellow (46%)
- Blue (80%)



- Cyan (64%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1700, -4.3998, -37.4195 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 50.1700, -4.3998, -37.4195 by changing the saturation by 10% instead.

■ 50.1700, -4.3998,
-37.4195

■ 50.1700, -4.3998,
-37.4195

166.9399,
-11.4935, -42.1163

■ 40.2550, -3.7464,
-36.7753

■ 72.0658, -5.7924,
-38.7317

■ 31.0951, -3.1234,
-36.2202

■ 83.9646, -6.5305,
-39.3503

■ 22.7598, -2.5308,
-35.8992

■ 96.4547, -7.2953,
-39.9284

■ 15.3405, -1.9685,
-36.1685

■ 109.5091, -8.0860,
-40.4612

■ 8.9538, -1.5200,
-38.1845

■ 123.1045, -8.9018,
-40.9467

0.0000, NaN, -NF

137.2201, -9.7421,

0.0000, NaN, -NF

-41.3841

0.0000, NaN, NaN

151.8374,
-10.6062, -41.7738

0.0000, NaN, NaN

■ 50.1700, -4.3998,
-37.4195

■ 50.1700, -4.3998,
-37.4195

■ 46.5972, -2.0857,
-44.8147

■ 53.9896, -5.9455,
-30.2646

■ 43.2905, 1.0517,
-52.4110

■ 58.0306, -6.7989,
-23.3726

■ 40.2672, 5.0261,
-60.1436

■ 62.2721, -7.0387,
-16.7437

■ 38.6728, 7.5280,
-64.5884

■ 66.6946, -6.7409,
-10.3668

■ 71.2806, -5.9743,
-4.2242

■ 76.0146, -4.7995,
1.7055

■ 80.8834, -3.2689,
7.4443

■ 85.8755, -1.4270,
13.0137

■ 90.7171, -0.2139,
18.1467

Harmonies

Analogous

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



50.1709, -18.7884, -29.4486



50.1700, -4.3998, -37.4195



50.1709, 12.3786, -32.0929

Triad

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



50.1709, -4.3994, -37.4184



50.1709, 28.6777, 14.4823



50.1709, -26.4529, 16.5235

Complementary

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



50.1700, -4.3998, -37.4195



55.7409, 15.1268, 27.9061

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.



50.1709, -16.1479, 22.8033



50.1700, -4.3998, -37.4195



50.1709, 15.7589, 21.9184

Square

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



50.1709, -4.3994, -37.4184



50.1709, 32.8607, 1.0557



50.1709, -0.9364, 24.4032



50.1709, -30.4506, 4.3503

Rectangle

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



50.1700, -4.3998, -37.4195



50.1709, 22.4711, -22.4283



50.1709, -0.9364, 24.4032



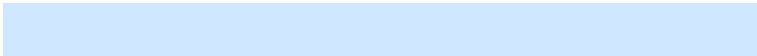
50.1709, -23.6821, 19.2228

Sweetspot

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



50.1709, -4.3994, -37.4184



88.3537, -8.1922, -9.1871



68.4237, -44.2831, 21.6515



40.0933, -3.9121, -5.3088

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1709, -4.3994, -37.4184



58.0762, -1.3508, -60.8225



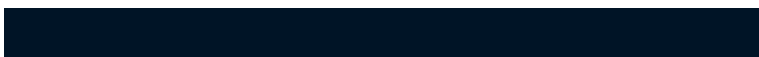
33.4507, 29.2432, -81.2500



34.3483, -2.5356, -0.5773



30.8256, 5.3462, -50.0702



8.0103, -0.5599, -8.8036

Inverse Universe

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



44.3828, 52.8091, -5.9147



51.8993, 78.5446, -5.3152



74.1943, -16.3474, 40.3939



33.6303, 1.9369, 0.7618



29.6011, 52.9975, 1.2617



6.8361, 12.4455, -1.3072

Previews

White Background



This preview shows how the HunterLab color 50.1700, -4.3998, -37.4195 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 50.1700, -4.3998, -37.4195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

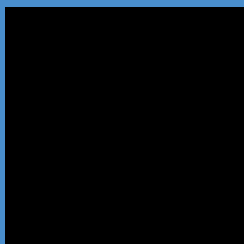
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

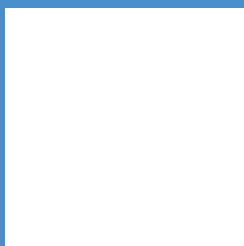
Any Text WCAG AAA × Fail

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

HunterLab 50.1700, -4.3998, -37.4195 Background



This preview shows how black text looks on a background with the HunterLab color 50.1700, -4.3998, -37.4195.

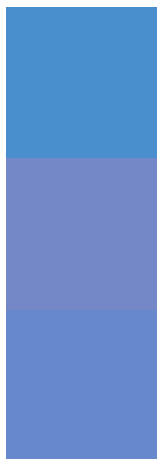


This preview shows how white text looks on a background with the HunterLab color 50.1700, -4.3998, -37.4195.

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

50.1700, -4.3998, -37.4195

Protanopia

50.1642, 5.3524, -32.8578

Deuteranopia

50.0076, 4.0563, -38.3459



Tritanopia

50.0993, -20.8928, -9.9479

Trichromacy



Original Color

50.1700, -4.3998, -37.4195

Protanomaly

50.1032, 0.9816, -34.4998

Deuteranomaly

49.9603, 0.9730, -38.4945

Tritanomaly

49.9813, -15.2745, -19.4331

Monochromacy



Original Color

50.1700, -4.3998, -37.4195

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.6820, -5.1375, -10.3723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1700, -4.3998, -37.4195 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(73, 142, 205)` looks like.

```
.text, #text, p{  
    color:rgb(73, 142, 205)  
}
```

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(73, 142, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 142, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1700, -4.3998, -37.4195 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(73, 142, 205) }
```


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

```
.border{ border-color:rgb(73, 142, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 142, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 142, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 142, 205);  
box-shadow:4px 4px 4px 4px rgb(73, 142,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1700, -4.3998, -37.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 142, 205) }
```

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

```
.background{ background-color: rgb(73, 142,  
205) }
```

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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