

Converting Colors

HunterLab(50.2344, -8.5512,
-29.4179)

Have a look what the booklet for
HunterLab(50.2344, -8.5512,
-29.4179) contains.

HunterLab(50.1808, -8.4589, -29.5308)	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(50.1808, -8.4589,
-29.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	4790C2
RGB	71, 144, 194
RGB Percent	28%, 56%, 76%
CMY	0.7215, 0.4353, 0.2392
CMYK	0.63, 0.26, 0.00, 0.24
HSL	204°, 50%, 52%
HSV	204°, 63%, 76%
XYZ	22.3094, 25.1811, 54.7235
YIQ	127.8730, -59.5580, 0.0740

Conversions

Conversions Part 2

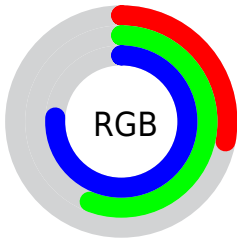
Format	Color
RYB	71, 117, 194
Decimal	4690114
CIELab	57.25, -7.31, -32.72
CIElCh	57, 33.524, 257.403
Yxy	25.1820, 0.2183, 0.2464
Android (android.graphics.Color)	4282880194 (0xFF4790C2)
YUV	127.8730, 32.6006, -49.8776
Hunter-Lab	50.1808, -8.4589, -29.5308

Details

The HunterLab color $50.1808, -8.4589, -29.5308$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as middle muted azure. A complement of this color would be $50.5970, 18.0817, 24.5074$, and the grayscale version is $46.3051, -2.4707, 2.5158$.

A 20% lighter version of the original color is $72.1797, -10.5470, -30.6765$, and $31.4624, -5.4943, -27.4646$ is the 20% darker color. If you saturate the color by 10%, you get $47.1759, -7.0570, -35.1997$, and if you desaturate by 10%, it is $53.3942, -9.1817, -23.9347$.

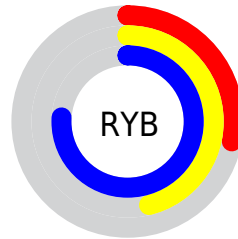
Distribution



Red (28%)

Green (56%)

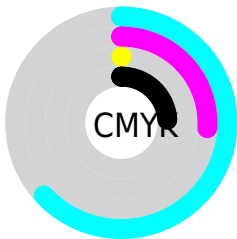
Blue (76%)



Red (28%)

Yellow (46%)

Blue (76%)

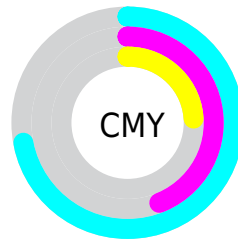


Cyan (63%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (72%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1808, -8.4589, -29.5308 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 50.1808, -8.4589, -29.5308 by changing the saturation by 10% instead.

■ 50.1808, -8.4589,
-29.5308

■ 50.1808, -8.4589,
-29.5308

166.9560,
-17.6551, -33.0347

■ 40.2650, -7.5004,
-28.9234

■ 72.0780, -10.4022,
-30.6550

■ 31.1043, -6.5451,
-28.3306

■ 83.9775, -11.3923,
-31.1490

■ 22.7681, -5.5848,
-27.8351

■ 96.4681, -12.3968,
-31.5914

■ 15.3478, -4.6047,
-27.6484

■ 109.5231,
-13.4164, -31.9814

■ 8.9603, -4.0341,
-28.4857

■ 123.1191,
-14.4517, -32.3195

0.0000, NaN, -NF

137.2352,

0.0000, NaN, -NF

-15.5031, -32.6067

0.0000, NaN, NaN

151.8531,
-16.5709, -32.8446

0.0000, NaN, NaN

■ 50.1808, -8.4589,
-29.5308

■ 50.1808, -8.4589,
-29.5308

■ 47.1759, -7.0570,
-35.1997

■ 53.3942, -9.1817,
-23.9347

■ 44.3888, -4.9398,
-40.9075

■ 56.7990, -9.2797,
-18.4410

■ 41.8267, -2.1042,
-46.6127

■ 60.3811, -8.8134,
-13.0649

■ 40.2340, 0.0607,
-50.4201

■ 64.1259, -7.8432,
-7.8137

■ 68.0198, -6.4267,
-2.6879

■ 72.0505, -4.6159,
2.3163

■ 76.2068, -2.4572,
7.2059

■ 80.4787, 0.0088,
11.9891

■ 84.8572, 2.7468,
16.6753

Harmonies

Analogous

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



50.1817, -19.7477, -20.2110



50.1808, -8.4589, -29.5308



50.1817, 5.6910, -28.6463

Triad

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



50.1817, -8.4587, -29.5298



50.1817, 25.9073, 9.8509



50.1817, -21.1236, 17.2430

Complementary

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



50.1808, -8.4589, -29.5308



50.5970, 18.0817, 24.5074

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.



50.1817, -10.5364, 21.6392



50.1808, -8.4589, -29.5308



50.1817, 17.0253, 18.2527

Square

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



50.1817, -8.4587, -29.5298



50.1817, 26.6227, -3.2266



50.1817, 3.3721, 21.9490



50.1817, -26.4984, 8.0383

Rectangle

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



50.1808, -8.4589, -29.5308



50.1817, 14.8773, -22.3862



50.1817, 3.3721, 21.9490



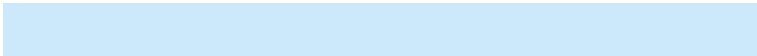
50.1817, -18.1131, 19.2070

Sweetspot

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



50.1817, -8.4587, -29.5298



88.4382, -9.8443, -7.6700



64.2533, -42.1759, 22.3974



40.6764, -4.8490, -4.5366

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1817, -8.4587, -29.5298



62.0357, -8.5291, -50.3003



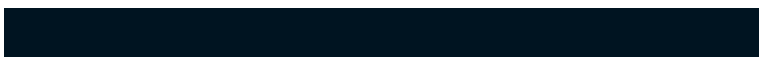
33.8650, 22.1903, -68.1027



32.7405, -2.6997, -0.3085



32.8745, -0.3801, -40.2698



7.7430, -1.5380, -6.3579

Inverse Universe

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



42.4151, 50.0737, -9.8715



52.1028, 78.8805, -12.3471



67.2742, -11.4571, 35.9987



31.8998, 1.9135, 0.4590



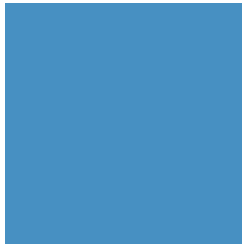
28.9365, 52.4316, -3.6027



6.1251, 11.2951, -2.2880

Previews

White Background



This preview shows how the HunterLab color 50.1808, -8.4589, -29.5308 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 50.1808, -8.4589, -29.5308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

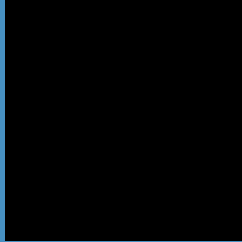
Any Text WCAG AA ✓ Pass

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 50.1808, -8.4589, -29.5308 Background



This preview shows how black text looks on a background with the HunterLab color 50.1808, -8.4589, -29.5308.



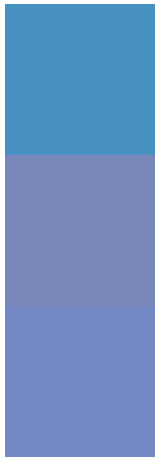
This preview shows how white text looks on a background with the HunterLab color 50.1808, -8.4589, -29.5308.

-29.5308.

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

50.1808, -8.4589, -29.5308

Protanopia

49.9807, 3.6708, -24.9082

Deuteranopia

49.8908, 4.1660, -31.2481



Tritanopia

50.2330, -20.3800, -9.7489

Trichromacy



Original Color

50.1808, -8.4589, -29.5308

Protanomaly

49.7777, -1.1336, -27.3715

Deuteranomaly

49.7129, -0.9097, -30.9591

Tritanomaly

50.2274, -16.2726, -16.6047

Monochromacy



Original Color

50.1808, -8.4589, -29.5308

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.3740, -6.5823, -8.1012

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1808, -8.4589, -29.5308 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(71, 144, 194)` looks like.

```
.text, #text, p{  
    color:rgb(71, 144, 194)  
}
```

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(71, 144, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 144, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1808, -8.4589, -29.5308 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(71, 144, 194) }
```


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

```
.border{ border-color:rgb(71, 144, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 144, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 144, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 144, 194);  
box-shadow:4px 4px 4px 4px rgb(71, 144,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1808, -8.4589, -29.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 144, 194) }
```

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

```
.background{ background-color: rgb(71, 144,  
194) }
```

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