

Converting Colors

HunterLab(48.0371, -3.8725,
-44.9198)

Have a look what the booklet for
HunterLab(48.0371, -3.8725,
-44.9198) contains.

HunterLab(48.0371, -3.8725, -44.9198)	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(48.0371, -3.8725,
-44.9198)**

Conversions

Conversions Part 1

Format	Color
Hex	2E89D1
RGB	46, 137, 209
RGB Percent	18%, 54%, 82%
CMY	0.8196, 0.4627, 0.1804
CMYK	0.78, 0.34, 0.00, 0.18
HSL	207°, 64%, 50%
HSV	207°, 78%, 82%
XYZ	21.5810, 23.0756, 63.6382
YIQ	117.9990, -77.3480, 3.1000

Conversions

Conversions Part 2

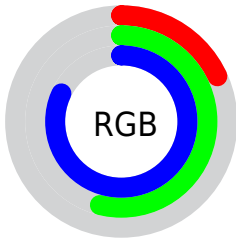
Format	Color
RYP	46, 104, 209
Decimal	3049937
CIELab	55.15, -1.65, -44.54
CIElCh	55, 44.575, 267.882
Yxy	23.0764, 0.1993, 0.2131
Android (android.graphics.Color)	4281240017 (0xFF2E89D1)
YUV	117.9990, 44.8635, -63.1431
Hunter-Lab	48.0371, -3.8725, -44.9198

Details

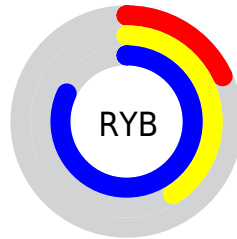
The HunterLab color **48.0371, -3.8725, -44.9198** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark washed azure. A complement of this color would be **51.6843, 24.4491, 29.3089**, and the grayscale version is **42.4184, -2.2633, 2.3047**.

A 20% lighter version of the original color is **69.0592, -8.3304, -38.8163**, and **30.5165, 1.1261, -40.5738** is the 20% darker color. If you saturate the color by 10%, you get **44.9330, -0.7642, -51.9222**, and if you desaturate by 10%, it is **51.4040, -6.1570, -38.0091**.

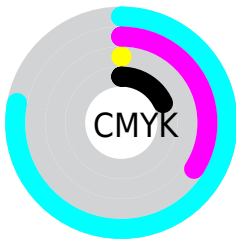
Distribution



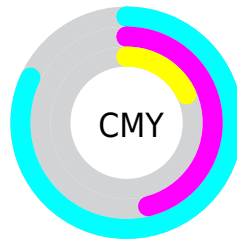
- Red (18%)
- Green (54%)
- Blue (82%)



- Red (18%)
- Yellow (41%)
- Blue (82%)



- Cyan (78%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0371, -3.8725, -44.9198 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 48.0371, -3.8725, -44.9198 by changing the saturation by 10% instead.

■ 48.0371, -3.8725,
-44.9198

■ 48.0371, -3.8725,
-44.9198

163.7428,
-10.7172, -50.5143

■ 38.2752, -3.2541,
-44.3300

■ 69.6554, -5.2004,
-46.3065

■ 29.2815, -2.6690,
-43.9526

■ 81.4269, -5.9089,
-47.0110

■ 21.1292, -2.1179,
-44.0465

■ 93.7956, -6.6453,
-47.6926

■ 13.9162, -1.6015,
-45.2593

■ 106.7341, -7.4089,
-48.3409

■ 7.5514, -1.3538,
-51.5290

■ 120.2182, -8.1986,
-48.9497

0.0000, NaN, -NF

0.0000, NaN, -NF

134.2266, -9.0137,

-49.5158

0.0000, NaN, -NF

148.7405, -9.8535,
-50.0375

0.0000, NaN, NaN

■ 48.0371, -3.8725,
-44.9198

■ 48.0371, -3.8725,
-44.9198

■ 44.9330, -0.7642,
-51.9222

■ 51.4040, -6.1570,
-38.0091

■ 42.0883, 3.1229,
-58.9869

■ 55.0158, -7.6544,
-31.2421

■ 41.5337, 3.9538,
-60.4487

■ 58.8544, -8.4257,
-24.6502

■ 62.9004, -8.5430,
-18.2504

■ 67.1351, -8.0798,
-12.0463

■ 71.5414, -7.1051,
-6.0329

■ 76.1041, -5.6818,
-0.1993

■ 80.8095, -3.8651,
5.4683

■ 85.6454, -1.7030,
10.9851

Harmonies

Analogous

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



48.0379, -20.0369, -35.7321



48.0371, -3.8725, -44.9198



48.0379, 15.2085, -37.8904

Triad

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



48.0379, -3.8718, -44.9187



48.0379, 33.0539, 15.8898



48.0379, -29.1109, 17.3392

Complementary

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



48.0371, -3.8725, -44.9198



51.6843, 24.4491, 29.3089

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.



48.0379, -18.0808, 23.9260



48.0371, -3.8725, -44.9198



48.0379, 17.8253, 23.3389

Square

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



48.0379, -3.8718, -44.9187



48.0379, 38.3546, 1.3488



48.0379, -1.2456, 25.6150



48.0379, -33.1700, 3.8473

Rectangle

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



48.0371, -3.8725, -44.9198



48.0379, 26.7385, -26.0304



48.0379, -1.2456, 25.6150



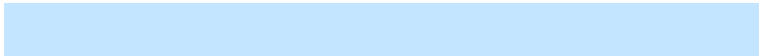
48.0379, -26.1861, 20.2104

Sweetspot

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



48.0379, -3.8718, -44.9187



86.6556, -9.6173, -11.5024



68.8901, -50.2931, 27.1799



39.1652, -4.6346, -6.6029

0.0000, NaN, NaN



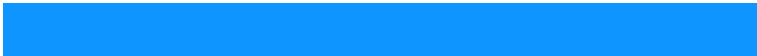
46.2646, -2.4686, 2.5136

Same Dimension

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



48.0379, -3.8718, -44.9187



53.7166, 2.4201, -71.2815



28.4587, 38.5934, -107.4615



35.3505, -2.7691, -0.4779



32.9174, 2.5562, -46.6619



8.7330, -1.0010, -8.7548

Inverse Universe

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



41.6133, 63.5300, -6.9669



48.7686, 86.1289, -3.0669



73.6225, -14.8547, 43.0231



34.5213, 2.0557, 0.6305



30.2739, 54.5117, -1.1091



7.2683, 13.2860, -1.8058

Previews

White Background



This preview shows how the HunterLab color 48.0371, -3.8725, -44.9198 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 48.0371, -3.8725, -44.9198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

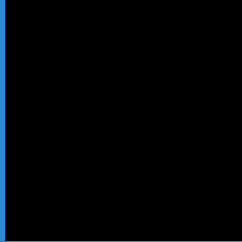
Any Text WCAG AA ✓ Pass

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 48.0371, -3.8725, -44.9198 Background



This preview shows how black text looks on a background with the HunterLab color 48.0371, -3.8725, -44.9198.

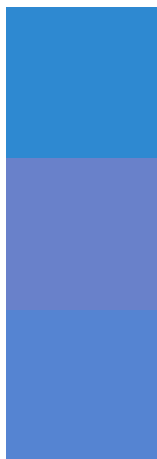


This preview shows how white text looks on a background with the HunterLab color 48.0371, -3.8725, -44.9198.

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

48.0371, -3.8725, -44.9198

Protanopia

47.9250, 6.7748, -39.4782

Deuteranopia

48.0489, 3.7007, -45.5651



Tritanopia

47.9501, -22.9931, -10.2980

Trichromacy



Original Color

48.0371, -3.8725, -44.9198

Protanomaly

47.7442, 2.1636, -42.2672

Deuteranomaly

48.0031, 0.6150, -45.7193

Tritanomaly

47.8526, -17.0082, -21.7029

Monochromacy



Original Color

48.0371, -3.8725, -44.9198

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.7914, -5.9827, -12.7609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0371, -3.8725, -44.9198 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(46, 137, 209)` looks like.

```
.text, #text, p{  
    color:rgb(46, 137, 209)  
}
```

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(46, 137, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 137, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0371, -3.8725, -44.9198 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(46, 137, 209) }
```


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

```
.border{ border-color:rgb(46, 137, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 137, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 137, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 137, 209);  
box-shadow:4px 4px 4px 4px rgb(46, 137,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0371, -3.8725, -44.9198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 137, 209) }
```

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

```
.background{ background-color: rgb(46, 137,  
209) }
```

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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