

Converting Colors

HunterLab(48.1040, -9.4989,
-49.7712)

Have a look what the booklet for
HunterLab(48.1040, -9.4989,
-49.7712) contains.

HunterLab(48.9449, -6.1842, -47.8271)	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(48.9449, -6.1842,
-47.8271)**

Conversions

Conversions Part 1

Format	Color
Hex	008DD7
RGB	0, 141, 215
RGB Percent	0%, 55%, 84%
CMY	0.9998, 0.4471, 0.1569
CMYK	1.00, 0.34, 0.00, 0.16
HSL	201°, 100%, 42%
HSV	201°, 100%, 84%
XYZ	21.7906, 23.9560, 67.7655
YIQ	107.2770, -107.7900, -6.8780

Conversions

Conversions Part 2

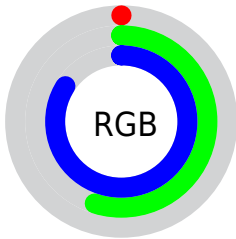
Format	Color
RYB	0, 85, 215
Decimal	36311
CIELab	56.04, -4.51, -46.54
CIELCh	56, 46.762, 264.460
Yxy	23.9568, 0.1920, 0.2110
Android (android.graphics.Color)	4278226391 (0xFF008DD7)
YUV	107.2770, 53.1074, -94.0819
Hunter-Lab	48.9449, -6.1842, -47.8271

Details

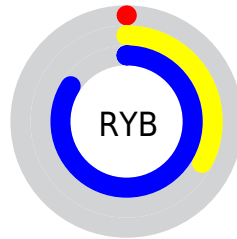
The HunterLab color **48.9449, -6.1842, -47.8271** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **43.9903, 46.6836, 27.9220**, and the grayscale version is **38.2893, -2.0430, 2.0803**.

A 20% lighter version of the original color is **69.7340, -12.4238, -37.6861**, and **31.6548, 1.4802, -42.7609** is the 20% darker color. If you saturate the color by 10%, you get **48.9402, -6.1763, -47.8380**, and if you desaturate by 10%, it is **51.3598, -9.1091, -42.7291**.

Distribution



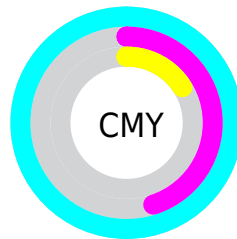
- Red (0%)
- Green (55%)
- Blue (84%)



- Red (0%)
- Yellow (33%)
- Blue (84%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9449, -6.1842, -47.8271 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 48.9449, -6.1842, -47.8271 by changing the saturation by 10% instead.

■ 48.9449, -6.1842,
-47.8271

■ 48.9449, -6.1842,
-47.8271

165.1066,
-14.2149, -53.6491

■ 39.1172, -5.3937,
-47.2540

■ 70.6822, -7.8223,
-49.2258

■ 30.0521, -4.6217,
-46.9192

■ 82.5083, -8.6729,
-49.9500

■ 21.8211, -3.8637,
-47.0966

■ 94.9290, -9.5445,
-50.6570

■ 14.5192, -3.1127,
-48.4576

■ 107.9171,
-10.4372, -51.3348

■ 8.1802, -2.8416,
-53.9006

■ 121.4489,
-11.3508, -51.9760

0.0000, NaN, -NF

0.0000, NaN, -NF

135.5032,

-12.2851, -52.5768

0.0000, NaN, -NF

150.0614,
-13.2399, -53.1348

0.0000, NaN, NaN

■ 48.9449, -6.1842,
-47.8271

■ 48.9449, -6.1842,
-47.8271

■ 48.9402, -6.1763,
-47.8380

■ 51.3598, -9.1091,
-42.7291

■ 53.9745, -11.3808,
-37.5624

■ 56.8177, -12.8793,
-32.3026

■ 59.8875, -13.6054,
-26.9849

■ 63.1751, -13.5919,
-21.6465

■ 66.6691, -12.8897,
-16.3192

■ 70.3562, -11.5582,
-11.0275

■ 74.2231, -9.6589,
-5.7889

■ 78.2567, -7.2514,
-0.6142

Harmonies

Analogous

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



48.9457, -22.5668, -36.1770



48.9449, -6.1842, -47.8271



48.9457, 13.9072, -42.2210

Triad

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



48.9457, -6.1834, -47.8260



48.9457, 36.4268, 15.2567



48.9457, -29.5520, 19.1993

Complementary

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



48.9449, -6.1842, -47.8271



43.9903, 46.6836, 27.9220

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.



48.9457, -17.1988, 25.2876



48.9449, -6.1842, -47.8271



48.9457, 21.1556, 23.7152

Square

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



48.9457, -6.1834, -47.8260



48.9457, 40.6000, -0.9075



48.9457, 1.0602, 26.5366



48.9457, -34.6360, 5.9856

Rectangle

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



48.9449, -6.1842, -47.8271



48.9457, 26.5294, -30.2626



48.9457, 1.0602, 26.5366



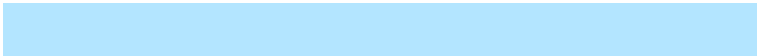
48.9457, -26.2154, 21.9038

Sweetspot

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



48.9457, -6.1834, -47.8260



85.2039, -14.0827, -13.5781



70.0468, -57.6993, 37.0063



38.5269, -6.8700, -7.5433

0.0000, NaN, NaN



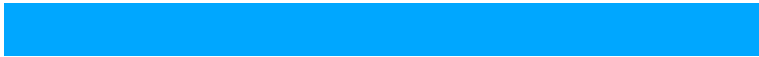
46.2646, -2.4686, 2.5136

Same Dimension

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



48.9457, -6.1834, -47.8260



59.1063, -7.0751, -58.6046



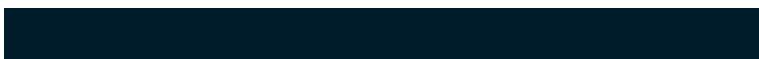
24.8211, 49.2868, -137.4130



36.5438, -3.3073, -0.1525



38.1184, -5.2028, -36.4134



10.1384, -2.4611, -7.3594

Inverse Universe

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



40.4616, 74.0377, -10.6979



49.0489, 89.7018, -12.5235



68.3798, -4.3358, 42.0582



35.4354, 2.2793, 0.2225



31.3236, 57.3796, -8.7277



7.7916, 14.4457, -3.5108

Previews

White Background



This preview shows how the HunterLab color 48.9449, -6.1842, -47.8271 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 48.9449, -6.1842, -47.8271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

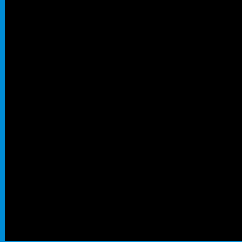
Any Text WCAG AA ✓ Pass

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 48.9449, -6.1842, -47.8271 Background



This preview shows how black text looks on a background with the HunterLab color 48.9449, -6.1842, -47.8271.

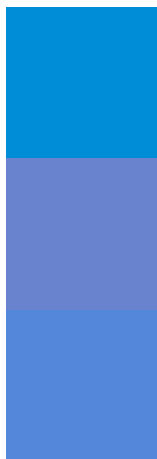


This preview shows how white text looks on a background with the HunterLab color 48.9449, -6.1842, -47.8271.

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

48.9449, -6.1842, -47.8271

Protanopia

48.7371, 7.0081, -40.8819

Deuteranopia

48.9334, 4.4882, -49.3083



Tritanopia

48.9879, -23.7649, -9.9289

Trichromacy



Original Color

48.9449, -6.1842, -47.8271

Protanomaly

48.0881, -0.6827, -44.7535

Deuteranomaly

48.5861, -1.2296, -49.3613

Tritanomaly

48.7980, -18.0335, -22.0641

Monochromacy



Original Color

48.9449, -6.1842, -47.8271

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

40.6176, -8.8130, -14.8215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9449, -6.1842, -47.8271 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(0, 141, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 215)  
}
```

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(0, 141, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9449, -6.1842, -47.8271 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(0, 141, 215) }
```


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

```
.border{ border-color:rgb(0, 141, 215) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9449, -6.1842, -47.8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 215) }
```

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

```
.background{ background-color: rgb(0, 141,  
215) }
```

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