

Converting Colors

HunterLab(48.1773, -9.0066,
-40.7747)

Have a look what the booklet for
HunterLab(48.1773, -9.0066,
-40.7747) contains.

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Color

HunterLab(48.0789, -8.8561,
-40.9767)

Conversions

Conversions Part 1

Format	Color
Hex	008CCC
RGB	0, 140, 204
RGB Percent	0%, 55%, 80%
CMY	0.9998, 0.4510, 0.2000
CMYK	1.00, 0.31, 0.00, 0.20
HSL	199°, 100%, 40%
HSV	199°, 100%, 80%
XYZ	20.2772, 23.1158, 60.5198
YIQ	105.4360, -103.9840, -9.7760

Conversions

Conversions Part 2

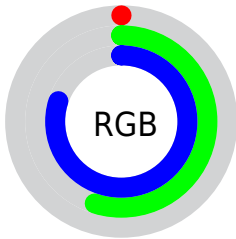
Format	Color
R _Y B	0, 83, 204
Decimal	36044
CIE Lab	55.19, -8.10, -41.70
CIE LCh	55, 42.475, 259.012
Yxy	23.1166, 0.1951, 0.2225
Android (android.graphics.Color)	4278226124 (0xFF008CCC)
YUV	105.4360, 48.5921, -92.4674
Hunter-Lab	48.0789, -8.8561, -40.9767

Details

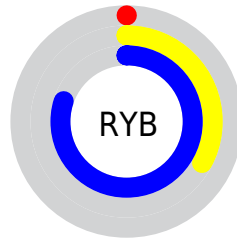
The HunterLab color **48.0789, -8.8561, -40.9767** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **40.6318, 46.3583, 25.8468**, and the grayscale version is **37.6057, -2.0065, 2.0432**.

A 20% lighter version of the original color is **69.2911, -12.3796, -38.4724**, and **30.7933, -1.2483, -35.7942** is the 20% darker color. If you saturate the color by 10%, you get **48.0750, -8.8499, -40.9853**, and if you desaturate by 10%, it is **50.1949, -11.2493, -36.7455**.

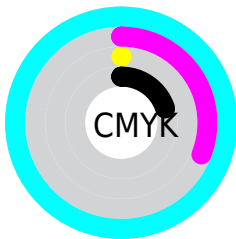
Distribution



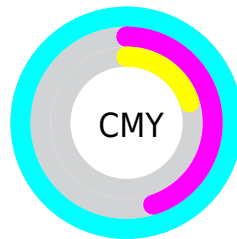
- Red (0%)
- Green (55%)
- Blue (80%)



- Red (0%)
- Yellow (33%)
- Blue (80%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0789, -8.8561, -40.9767 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 48.0789, -8.8561, -40.9767 by changing the saturation by 10% instead.

■ 48.0789, -8.8561,
-40.9767

■ 48.0789, -8.8561,
-40.9767

163.8057,
-18.3512, -46.1776

■ 38.3140, -7.8502,
-40.3566

■ 69.7027, -10.8805,
-42.3385

■ 29.3169, -6.8422,
-39.8934

■ 81.4767, -11.9071,
-43.0069

■ 21.1610, -5.8207,
-39.7990

■ 93.8479, -12.9457,
-43.6435

■ 13.9438, -4.7661,
-40.6066

■ 106.7886,
-13.9975, -44.2405

■ 7.5816, -5.0580,
-45.6590

■ 120.2749,
-15.0635, -44.7939

0.0000, NaN, -NF

0.0000, NaN, -NF

134.2855,

-16.1442, -45.3015

0.0000, NaN, NaN

148.8014,
-17.2400, -45.7627

0.0000, NaN, NaN

■ 48.0789, -8.8561,
-40.9767

■ 48.0789, -8.8561,
-40.9767

■ 48.0750, -8.8499,
-40.9853

■ 50.1949, -11.2493,
-36.7455

■ 52.4846, -13.0582,
-32.4225

■ 54.9787, -14.1609,
-27.9773

■ 57.6779, -14.5519,
-23.4379

■ 60.5767, -14.2556,
-18.8363

■ 63.6663, -13.3136,
-14.2027

■ 66.9362, -11.7769,
-9.5620

■ 70.3751, -9.7001,
-4.9339

■ 73.9718, -7.1371,
-0.3327

Harmonies

Analogous

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



48.0797, -22.8290, -28.6118



48.0789, -8.8561, -40.9767



48.0797, 8.9714, -38.9008

Triad

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



48.0797, -8.8554, -40.9757



48.0797, 33.8305, 11.9750



48.0797, -25.5580, 19.3176

Complementary

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



48.0789, -8.8561, -40.9767



40.6318, 46.3583, 25.8468

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.



48.0797, -13.1123, 24.2014



48.0789, -8.8561, -40.9767



48.0797, 21.7271, 21.1396

Square

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



48.0797, -8.8554, -40.9757



48.0797, 35.4062, -3.9386



48.0797, 4.0601, 24.7199



48.0797, -31.5059, 8.3626

Rectangle

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



48.0789, -8.8561, -40.9767



48.0797, 20.6658, -29.7550



48.0797, 4.0601, 24.7199



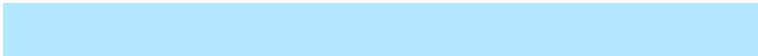
48.0797, -22.0862, 21.5255

Sweetspot

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



48.0797, -8.8554, -40.9757



85.9612, -15.2516, -12.5519



65.9741, -54.7349, 35.6976



38.9272, -7.4823, -6.9870

0.0000, NaN, NaN



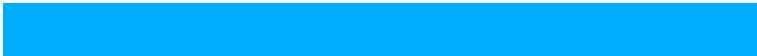
46.2646, -2.4686, 2.5136

Same Dimension

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



48.0797, -8.8554, -40.9757



61.5414, -10.8887, -53.4158



24.3610, 43.0028, -123.2730



34.7995, -3.2714, -0.0309



38.3665, -7.3663, -32.0531



9.4412, -2.7430, -5.8793

Inverse Universe

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



38.3822, 70.6572, -13.4390



49.3503, 90.7841, -16.7171



62.5352, -0.8647, 38.5175



33.6771, 2.1879, 0.0963



30.4778, 56.1608, -11.0544



7.0180, 13.0971, -3.8256

Previews

White Background



This preview shows how the HunterLab color 48.0789, -8.8561, -40.9767 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 48.0789, -8.8561, -40.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

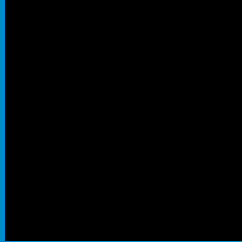
Any Text WCAG AA ✓ Pass

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 48.0789, -8.8561, -40.9767 Background



This preview shows how black text looks on a background with the HunterLab color 48.0789, -8.8561, -40.9767.

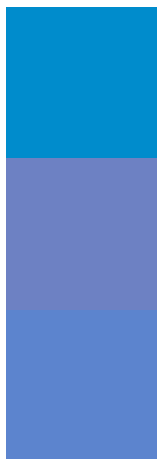


This preview shows how white text looks on a background with the HunterLab color 48.0789, -8.8561, -40.9767.

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

48.0789, -8.8561, -40.9767

Protanopia

47.8454, 5.8359, -34.3952

Deuteranopia

48.2017, 3.8031, -42.0568



Tritanopia

47.9501, -22.9931, -10.2980

Trichromacy



Original Color

48.0789, -8.8561, -40.9767

Protanomaly

47.0292, -2.4633, -38.4185

Deuteranomaly

47.6083, -2.7522, -42.6418

Tritanomaly

47.9609, -18.3790, -20.2719

Monochromacy



Original Color

48.0789, -8.8561, -40.9767

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.0915, -9.6045, -12.7304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0789, -8.8561, -40.9767 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, 140, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 204)  
}
```

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, 140, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0789, -8.8561, -40.9767 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, 140, 204) }
```


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

```
.border{ border-color:rgb(0, 140, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 140, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 140,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0789, -8.8561, -40.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 204) }
```

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

```
.background{ background-color: rgb(0, 140,  
204) }
```

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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