

Converting Colors

HunterLab(40.4477, -45.2939,
-50.2169)

Have a look what the booklet for
HunterLab(40.4477, -45.2939,
-50.2169) contains.

HunterLab(48.4718, -13.2071, -32.0753)	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(48.4718,
-13.2071, -32.0753)**

Conversions

Conversions Part 1

Format	Color
Hex	008FC1
RGB	0, 143, 193
RGB Percent	0%, 56%, 76%
CMY	0.9998, 0.4392, 0.2431
CMYK	1.00, 0.26, 0.00, 0.24
HSL	196°, 100%, 38%
HSV	196°, 100%, 76%
XYZ	19.4481, 23.4952, 53.9620
YIQ	105.9430, -101.2780, -14.7660

Conversions

Conversions Part 2

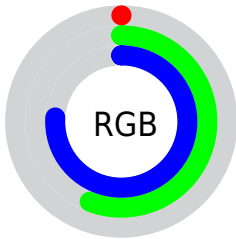
Format	Color
RYB	0, 82, 193
Decimal	36801
CIELab	55.58, -13.89, -34.86
CIELCh	56, 37.527, 248.269
Yxy	23.4959, 0.2007, 0.2425
Android (android.graphics.Color)	4278226881 (0xFF008FC1)
YUV	105.9430, 42.9191, -92.9120
Hunter-Lab	48.4718, -13.2071, -32.0753

Details

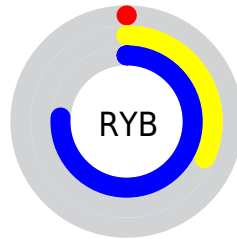
The HunterLab color **48.4718, -13.2071, -32.0753** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.9082, 47.2990, 23.5689**, and the grayscale version is **37.8173, -2.0178, 2.0547**.

A 20% lighter version of the original color is **70.2681, -15.8933, -33.2919**, and **31.1332, -5.3216, -27.4260** is the 20% darker color. If you saturate the color by 10%, you get **48.4692, -13.2030, -32.0807**, and if you desaturate by 10%, it is **50.1725, -14.8995, -28.9657**.

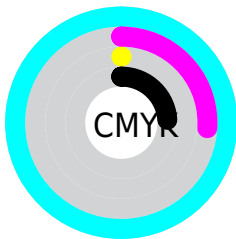
Distribution



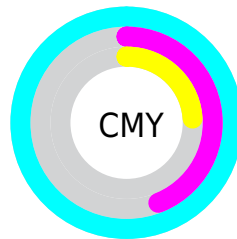
- Red (0%)
- Green (56%)
- Blue (76%)



- Red (0%)
- Yellow (32%)
- Blue (76%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4718, -13.2071, -32.0753 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 48.4718, -13.2071, -32.0753 by changing the saturation by 10% instead.

■ 48.4718, -13.2071,
-32.0753

■ 48.4718, -13.2071,
-32.0753

164.3965,
-25.1427, -36.0856

■ 38.6783, -11.8410,
-31.4494

■ 70.1473, -15.8766,
-33.2851

■ 29.6503, -10.4379,
-30.8727

■ 81.9450, -17.1967,
-33.8335

■ 21.4601, -8.9746,
-30.4630

■ 94.3387, -18.5136,
-34.3341

■ 14.2044, -7.4107,
-30.5236

■ 107.3010,
-19.8305, -34.7845

■ 7.8593, -8.1233,
-32.9280

■ 120.8080,
-21.1502, -35.1841

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 134.8385,

-22.4745, -35.5335

0.0000, NaN, NaN

149.3736,
-23.8049, -35.8335

0.0000, NaN, NaN

■ 48.4718, -13.2071,
-32.0753

■ 48.4718, -13.2071,
-32.0753

■ 48.4692, -13.2030,
-32.0807

■ 50.1725, -14.8995,
-28.9657

■ 52.0175, -16.0837,
-25.7348

■ 54.0400, -16.6341,
-22.3460

■ 56.2444, -16.5355,
-18.8164

■ 58.6294, -15.8002,
-15.1705

■ 61.1900, -14.4580,
-11.4340

■ 63.9193, -12.5493,
-7.6314

■ 66.8089, -10.1200,
-3.7843

■ 69.8497, -7.2178,
0.0895

Harmonies

Analogous

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



48.4726, -23.9705, -18.5804



48.4718, -13.2071, -32.0753



48.4726, 1.8028, -34.9640

Triad

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



48.4726, -13.2066, -32.0744



48.4726, 30.8251, 6.5671



48.4726, -19.8098, 20.1255

Complementary

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



48.4718, -13.2071, -32.0753



36.9082, 47.2990, 23.5689

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.



48.4726, -6.8298, 23.2397



48.4718, -13.2071, -32.0753



48.4726, 23.2922, 17.1979

Square

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



48.4726, -13.2066, -32.0744



48.4726, 28.5548, -9.1652



48.4726, 9.0294, 22.3707



48.4726, -27.4336, 12.0623

Rectangle

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



48.4718, -13.2071, -32.0753



48.4726, 12.4577, -29.8371



48.4726, 9.0294, 22.3707



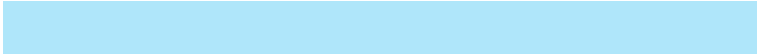
48.4726, -15.9983, 21.6478

Sweetspot

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



48.4726, -13.2066, -32.0744



85.3579, -16.9364, -10.4641



61.9324, -51.8625, 34.5485



38.8066, -8.3816, -5.8517



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



48.4726, -13.2066, -32.0744



64.5410, -17.2004, -43.5399



24.4692, 35.1953, -106.5551



33.1246, -3.3232, 0.1542



39.6989, -11.0127, -25.8470



8.8728, -3.1564, -4.2764

Inverse Universe

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



36.4988, 67.9328, -18.5350



48.8001, 90.7621, -24.2049



56.1385, 3.7654, 34.6570



31.9398, 2.1279, -0.1097



29.7880, 55.4858, -15.4260



6.2779, 11.8391, -4.3772

Previews

White Background



This preview shows how the HunterLab color 48.4718, -13.2071, -32.0753 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 48.4718, -13.2071, -32.0753 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 48.4718, -13.2071, -32.0753 Background



This preview shows how black text looks on a background with the HunterLab color 48.4718, -13.2071, -32.0753.



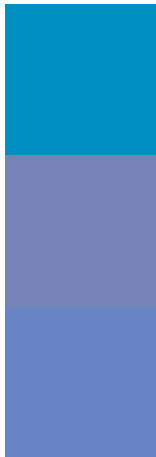
This preview shows how white text looks on a background with the HunterLab color 48.4718, -13.2071, -32.0753.

-13.2071, -32.0753.

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

48.4718, -13.2071, -32.0753

Protanopia

48.4081, 3.7823, -24.9755

Deuteranopia

48.4678, 3.7200, -33.9548



Tritanopia

48.3432, -22.9689, -10.8416

Trichromacy



Original Color

48.4718, -13.2071, -32.0753

Protanomaly

47.2987, -5.5678, -29.8850

Deuteranomaly

47.6883, -4.9655, -34.8920

Tritanomaly

48.4748, -19.9130, -17.6028

Monochromacy



Original Color

48.4718, -13.2071, -32.0753

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

40.2764, -10.6579, -10.7641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4718, -13.2071, -32.0753 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, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 193)  
}
```

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, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4718, -13.2071, -32.0753 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, 143, 193) }
```


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

```
.border{ border-color:rgb(0, 143, 193) }
```

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

Here you see how a box with a 4 pixel rgb(0, 143, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4718, -13.2071, -32.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 193) }
```

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

```
.background{ background-color: rgb(0, 143,  
193) }
```

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