

Converting Colors

HunterLab(48.8386, -17.1246,
-18.9743)

Have a look what the booklet for
HunterLab(48.8386, -17.1246,
-18.9743) contains.

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Color

**HunterLab(48.7421,
-17.0348, -18.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	2891AE
RGB	40, 145, 174
RGB Percent	16%, 57%, 68%
CMY	0.8431, 0.4314, 0.3176
CMYK	0.77, 0.17, 0.00, 0.32
HSL	193°, 63%, 42%
HSV	193°, 77%, 68%
XYZ	18.6405, 23.7579, 43.6477
YIQ	116.9110, -71.8890, -13.2410

Conversions

Conversions Part 2

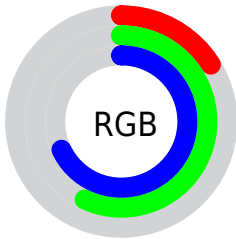
Format	Color
RYB	40, 99, 174
Decimal	2658734
CIELab	55.85, -19.18, -23.60
CIELCh	56, 30.407, 230.900
Yxy	23.7588, 0.2166, 0.2761
Android (android.graphics.Color)	4280848814 (0xFF2891AE)
YUV	116.9110, 28.1449, -67.4509
Hunter-Lab	48.7421, -17.0348, -18.9737

Details

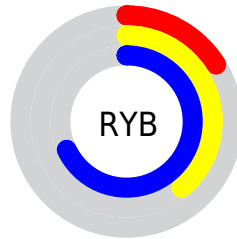
The HunterLab color **48.7421, -17.0348, -18.9737** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **36.6189, 33.2498, 19.8947**, and the grayscale version is **42.0588, -2.2442, 2.2851**.

A 20% lighter version of the original color is **70.4444, -20.2737, -19.9562**, and **30.6364, -10.1843, -16.3079** is the 20% darker color. If you saturate the color by 10%, you get **47.2791, -16.5006, -21.3737**, and if you desaturate by 10%, it is **50.3582, -17.0162, -16.4148**.

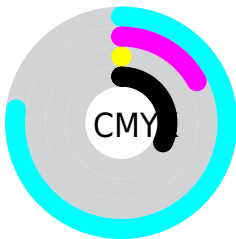
Distribution



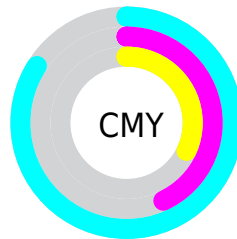
- Red (16%)
- Green (57%)
- Blue (68%)



- Red (16%)
- Yellow (39%)
- Blue (68%)



- Cyan (77%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)



- Cyan (84%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7421, -17.0348, -18.9737 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 48.7421, -17.0348, -18.9737 by changing the saturation by 10% instead.

■ 48.7421, -17.0348,
-18.9737

■ 48.7421, -17.0348,
-18.9737

164.8025,
-31.2324, -20.3665

■ 38.9291, -15.3322,
-18.5301

■ 70.4530, -20.3053,
-19.6777

■ 29.8799, -13.5586,
-18.0372

■ 82.2670, -21.8979,
-19.9388

■ 21.6663, -11.6795,
-17.5228

■ 94.6761, -23.4727,
-20.1413

■ 14.3842, -9.6341,
-17.0720

■ 107.6532,
-25.0351, -20.2879

■ 8.0444, -10.8173,
-17.4321

■ 121.1744,
-26.5894, -20.3813

0.0000, NaN, -NF

0.0000, NaN, NaN

135.2185,

-28.1387, -20.4239

0.0000, NaN, NaN

149.7669,
-29.6857, -20.4183

0.0000, NaN, NaN

■ 48.7421, -17.0348,
-18.9737

■ 48.7421, -17.0348,
-18.9737

■ 47.2791, -16.5006,
-21.3737

■ 50.3582, -17.0162,
-16.4148

■ 45.9511, -15.4723,
-23.6254

■ 52.1290, -16.4346,
-13.7119

■ 45.5643, -15.1271,
-24.2963

■ 54.0553, -15.2998,
-10.8820

■ 56.1341, -13.6361,
-7.9454

■ 58.3604, -11.4764,
-4.9222

■ 60.7282, -8.8592,
-1.8312

■ 63.2303, -5.8245,
1.3108

■ 65.8597, -2.4124,
4.4899

■ 68.6089, 1.3385,
7.6942

Harmonies

Analogous

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



48.7430, -23.3365, -6.3583



48.7421, -17.0348, -18.9737



48.7430, -6.3966, -26.2215

Triad

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



48.7430, -17.0347, -18.9729



48.7430, 23.8568, -1.1559



48.7430, -10.9925, 19.7163

Complementary

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



48.7421, -17.0348, -18.9737



36.6189, 33.2498, 19.8947

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.



48.7430, 1.3094, 20.4362



48.7421, -17.0348, -18.9737



48.7430, 22.3045, 10.2169

Square

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



48.7430, -17.0347, -18.9729



48.7430, 17.7777, -14.3404



48.7430, 13.7305, 17.4280



48.7430, -20.1036, 15.1218

Rectangle

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



48.7421, -17.0348, -18.9737



48.7430, 2.0889, -26.0266



48.7430, 13.7305, 17.4280



48.7430, -7.1246, 20.3636

Sweetspot

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



48.7430, -17.0347, -18.9729



79.7262, -14.2564, -5.1406



55.7914, -43.1836, 28.0111



37.0621, -7.2802, -3.1168



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.7430, -17.0347, -18.9729



62.4754, -21.3617, -30.8103



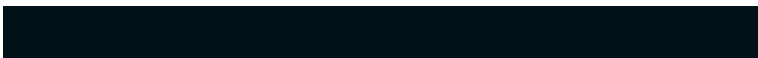
30.4551, 13.5167, -58.9565



29.6200, -3.0999, 0.2769



38.9194, -13.0416, -20.4929



7.0266, -2.8924, -2.5387

Inverse Universe

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



35.4422, 55.4542, -22.0041



44.8642, 81.8300, -29.2379



51.1352, 2.4491, 29.2234



28.4920, 1.8981, -0.2180



27.9860, 52.5911, -18.0722



4.7454, 9.0457, -4.0585

Previews

White Background



This preview shows how the HunterLab color 48.7421, -17.0348, -18.9737 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 48.7421, -17.0348, -18.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

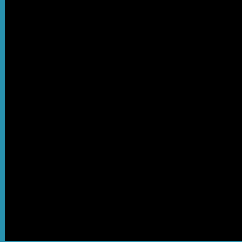
Any Text WCAG AA ✓ Pass

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 48.7421, -17.0348, -18.9737 Background



This preview shows how black text looks on a background with the HunterLab color 48.7421, -17.0348, -18.9737.



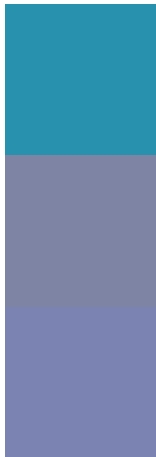
This preview shows how white text looks on a background with the HunterLab color 48.7421, -17.0348, -18.9737.

-17.0348, -18.9737.

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

48.7421, -17.0348, -18.9737

Protanopia

48.5210, 1.2079, -12.9976

Deuteranopia

48.5227, 3.6614, -20.8615



Tritanopia

48.5565, -22.1391, -10.5189

Trichromacy



Original Color

48.7421, -17.0348, -18.9737

Protanomaly

48.0605, -7.4861, -16.2180

Deuteranomaly

47.9773, -5.6277, -21.2944

Tritanomaly

48.4914, -20.3855, -13.4201

Monochromacy



Original Color

48.7421, -17.0348, -18.9737

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

43.7465, -10.0608, -5.8078

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7421, -17.0348, -18.9737 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(40, 145, 174)` looks like.

```
.text, #text, p{  
    color:rgb(40, 145, 174)  
}
```

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(40, 145, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 145, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7421, -17.0348, -18.9737 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(40, 145, 174) }
```


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

```
.border{ border-color:rgb(40, 145, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 145, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 145, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 145, 174);  
box-shadow:4px 4px 4px 4px rgb(40, 145,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7421, -17.0348, -18.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 145, 174) }
```

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

```
.background{ background-color: rgb(40, 145,  
174) }
```

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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