

Converting Colors

HunterLab(48.0963, -18.7316,
-19.6779)

Have a look what the booklet for
HunterLab(48.0963, -18.7316,
-19.6779) contains.

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Color

**HunterLab(48.2368,
-19.0334, -19.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	0091AD
RGB	0, 145, 173
RGB Percent	0%, 57%, 68%
CMY	0.9999, 0.4314, 0.3216
CMYK	1.00, 0.16, 0.00, 0.32
HSL	190°, 100%, 34%
HSV	190°, 100%, 68%
XYZ	17.6682, 23.2679, 43.0951
YIQ	104.8370, -95.4080, -22.0320

Conversions

Conversions Part 2

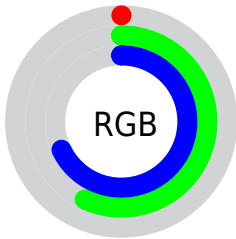
Format	Color
RYB	0, 79, 173
Decimal	37293
CIELab	55.35, -22.17, -23.83
CIELCh	55, 32.550, 227.061
Yxy	23.2687, 0.2103, 0.2769
Android (android.graphics.Color)	4278227373 (0xFF0091AD)
YUV	104.8370, 33.6044, -91.9420
Hunter-Lab	48.2368, -19.0334, -19.2043

Details

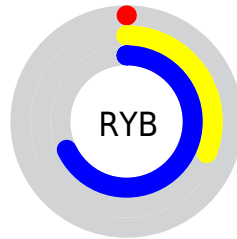
The HunterLab color **48.2368, -19.0334, -19.2043** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **31.1709, 46.5226, 20.0202**, and the grayscale version is **37.4298, -1.9972, 2.0336**.

A 20% lighter version of the original color is **69.8793, -22.4614, -20.2294**, and **30.6364, -10.1843, -16.3079** is the 20% darker color. If you saturate the color by 10%, you get **48.2359, -19.0319, -19.2063**, and if you desaturate by 10%, it is **49.2516, -19.7255, -17.5904**.

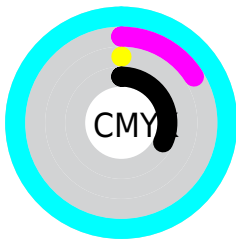
Distribution



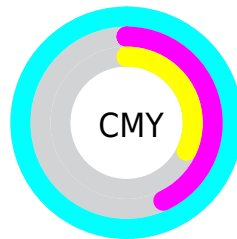
- Red (0%)
- Green (57%)
- Blue (68%)



- Red (0%)
- Yellow (31%)
- Blue (68%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2368, -19.0334, -19.2043 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 48.2368, -19.0334, -19.2043 by changing the saturation by 10% instead.

48.2368, -19.0334,
-19.2043

48.2368, -19.0334,
-19.2043

164.0433,
-34.5430, -20.6830

38.4604, -17.1313,
-18.7521

69.8815, -22.6561,
-19.9278

29.4509, -15.1364,
-18.2526

81.6650, -24.4074,
-20.1987

21.2812, -13.0058,
-17.7365

94.0453, -26.1319,
-20.4111

14.0485, -10.6641,
-17.2970

106.9947,
-27.8364, -20.5674

7.6946, -12.9683,
-17.9952

120.4893,
-29.5260, -20.6703

0.0000, NaN, -NF

0.0000, NaN, NaN

134.5079,

-31.2049, -20.7223

0.0000, NaN, NaN

149.0316,
-32.8763, -20.7258

0.0000, NaN, NaN

■ 48.2368, -19.0334,
-19.2043

■ 48.2368, -19.0334,
-19.2043

■ 48.2359, -19.0319,
-19.2063

■ 49.2516, -19.7255,
-17.5904

■ 50.3722, -20.0205,
-15.8463

■ 51.6333, -19.7898,
-13.9286

■ 53.0434, -19.0072,
-11.8391

■ 54.6063, -17.6691,
-9.5879

■ 56.3221, -15.7886,
-7.1899

■ 58.1888, -13.3906,
-4.6625

■ 60.2024, -10.5082,
-2.0239

■ 62.3576, -7.1789,
0.7081

Harmonies

Analogous

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



48.2377, -24.9903, -5.2046



48.2368, -19.0334, -19.2043



48.2377, -8.2583, -28.2141

Triad

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



48.2377, -19.0332, -19.2035



48.2377, 25.4526, -3.2439



48.2377, -9.9663, 20.7840

Complementary

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



48.2368, -19.0334, -19.2043



31.1709, 46.5226, 20.0202

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.



48.2377, 3.3813, 21.0391



48.2368, -19.0334, -19.2043



48.2377, 24.8649, 9.3299

Square

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



48.2377, -19.0332, -19.2035



48.2377, 17.9599, -17.4320



48.2377, 16.4331, 17.4435



48.2377, -20.1645, 16.6125

Rectangle

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



48.2368, -19.0334, -19.2043



48.2377, 0.6597, -28.9132



48.2377, 16.4331, 17.4435



48.2377, -5.7295, 21.2800

Sweetspot

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



48.2377, -19.0332, -19.2035



77.7313, -18.1110, -6.4269



54.7377, -46.4509, 31.8589



35.7535, -9.0828, -3.6452



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



48.2377, -19.0332, -19.2035



64.3448, -25.1955, -26.0356



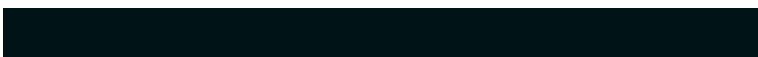
25.1179, 21.3462, -77.4712



29.7456, -3.3017, 0.4264



41.4282, -16.4240, -16.3268



7.3171, -3.2660, -2.0955

Inverse Universe

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



33.0596, 62.7943, -26.5733



44.2102, 83.9312, -35.1514



45.3594, 11.4428, 28.1494



28.5052, 1.9688, -0.4055



28.3472, 53.8681, -22.9425



4.7895, 9.2007, -4.6453

Previews

White Background



This preview shows how the HunterLab color 48.2368, -19.0334, -19.2043 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 48.2368, -19.0334, -19.2043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

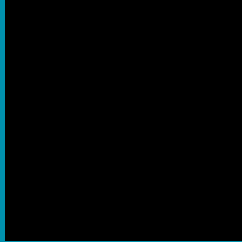
Any Text WCAG AA ✓ Pass

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 48.2368, -19.0334, -19.2043 Background



This preview shows how black text looks on a background with the HunterLab color 48.2368, -19.0334, -19.2043.



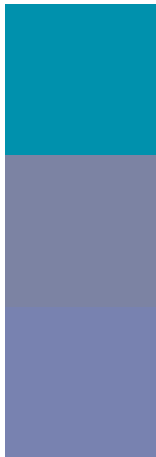
This preview shows how white text looks on a background with the HunterLab color 48.2368, -19.0334, -19.2043.

-19.0334, -19.2043.

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

48.2368, -19.0334, -19.2043

Protanopia

48.1269, 1.2294, -13.0104

Deuteranopia

48.0551, 3.4348, -21.0057



Tritanopia

48.3074, -23.1801, -10.3410

Trichromacy



Original Color

48.2368, -19.0334, -19.2043

Protanomaly

46.9687, -9.9737, -17.3825

Deuteranomaly

46.8611, -8.1770, -22.5821

Tritanomaly

48.1686, -21.7061, -13.3493

Monochromacy



Original Color

48.2368, -19.0334, -19.2043

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.2963, -12.6648, -6.4649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2368, -19.0334, -19.2043 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, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 173)  
}
```

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, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2368, -19.0334, -19.2043 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, 145, 173) }
```


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

```
.border{ border-color:rgb(0, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2368, -19.0334, -19.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 173) }
```

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

```
.background{ background-color: rgb(0, 145,  
173) }
```

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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