

Converting Colors

HunterLab(48.6371, -22.8642,
-26.6838)

Have a look what the booklet for
HunterLab(48.6371, -22.8642,
-26.6838) contains.

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Color

**HunterLab(49.9977,
-17.8620, -23.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	0095B9
RGB	0, 149, 185
RGB Percent	0%, 58%, 73%
CMY	0.9999, 0.4157, 0.2745
CMYK	1.00, 0.19, 0.00, 0.27
HSL	192°, 100%, 36%
HSV	192°, 100%, 73%
XYZ	19.5044, 24.9977, 49.6961
YIQ	108.5530, -100.3600, -20.3920

Conversions

Conversions Part 2

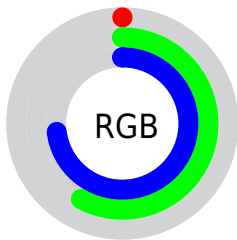
Format	Color
R _Y B	0, 83, 185
Decimal	38329
CIE Lab	57.07, -20.05, -28.00
CIE LCh	57, 34.438, 234.390
Yxy	24.9986, 0.2071, 0.2654
Android (android.graphics.Color)	4278228409 (0xFF0095B9)
YUV	108.5530, 37.6884, -95.2010
Hunter-Lab	49.9977, -17.8620, -23.9339

Details

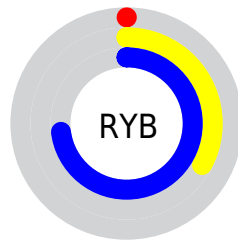
The HunterLab color **49.9977, -17.8620, -23.9339** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **34.0270, 48.7265, 21.8185**, and the grayscale version is **38.8283, -2.0718, 2.1096**.

A 20% lighter version of the original color is **71.7980, -21.0869, -24.8490**, and **32.2511, -9.2143, -20.4200** is the 20% darker color. If you saturate the color by 10%, you get **49.9961, -17.8595, -23.9372**, and if you desaturate by 10%, it is **51.2730, -18.9066, -21.8131**.

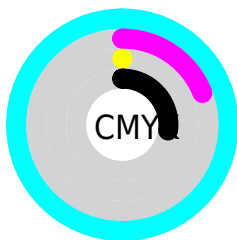
Distribution



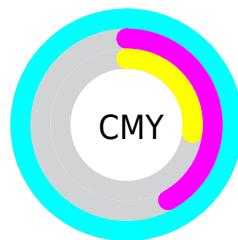
- Red (0%)
- Green (58%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9977, -17.8620, -23.9339 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 49.9977, -17.8620, -23.9339 by changing the saturation by 10% instead.

■ 49.9977, -17.8620,
-23.9339

■ 49.9977, -17.8620,
-23.9339

166.6826,
-32.4205, -26.3799

■ 40.0949, -16.1101,
-23.3982

■ 71.8713, -21.2239,
-24.8567

■ 30.9482, -14.2849,
-22.8375

■ 83.7600, -22.8593,
-25.2351

■ 22.6275, -12.3518,
-22.3004

■ 96.2404, -24.4753,
-25.5572

■ 15.2245, -10.2512,
-21.9192

■ 109.2855,
-26.0773, -25.8243

■ 8.8495, -10.3461,
-22.2009

■ 122.8720,
-27.6698, -26.0380

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 136.9791,

-29.2561, -26.2005

0.0000, NaN, NaN

151.5882,
-30.8389, -26.3138

0.0000, NaN, NaN

■ 49.9977, -17.8620,
-23.9339

■ 49.9977, -17.8620,
-23.9339

■ 49.9961, -17.8595,
-23.9372

■ 51.2730, -18.9066,
-21.8131

■ 52.6707, -19.5006,
-19.5538

■ 54.2254, -19.5152,
-17.1147

■ 55.9449, -18.9257,
-14.5023

■ 57.8318, -17.7328,
-11.7316

■ 59.8847, -15.9553,
-8.8223

■ 62.0999, -13.6240,
-5.7955

■ 64.4718, -10.7774,
-2.6718

■ 66.9938, -7.4578,
0.5293

Harmonies

Analogous

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



49.9986, -25.5714, -9.4885



49.9977, -17.8620, -23.9339



49.9986, -5.3614, -31.4349

Triad

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



49.9986, -17.8617, -23.9330



49.9986, 28.1423, 0.0645



49.9986, -13.6493, 21.3243

Complementary

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



49.9977, -17.8620, -23.9339



34.0270, 48.7265, 21.8185

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.



49.9986, 0.0785, 22.5469



49.9977, -17.8620, -23.9339



49.9986, 25.2772, 12.4642

Square

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



49.9986, -17.8617, -23.9330



49.9986, 22.0205, -15.2726



49.9986, 14.5834, 19.8123



49.9986, -23.3400, 15.8102

Rectangle

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



49.9977, -17.8620, -23.9339



49.9986, 4.4340, -30.3028



49.9986, 14.5834, 19.8123



49.9986, -9.3991, 22.1703

Sweetspot

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



49.9986, -17.8617, -23.9330



82.9502, -18.4089, -7.9658



59.0032, -49.8973, 33.9673



37.9287, -9.1865, -4.4917



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



49.9986, -17.8617, -23.9330



66.6593, -23.5623, -32.4541



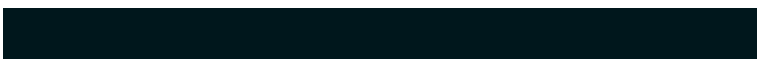
25.6727, 26.6976, -89.7161



31.4731, -3.3868, 0.3463



41.3790, -14.9051, -19.5444



8.2507, -3.4369, -2.8933

Inverse Universe

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



35.3344, 66.6466, -24.7727



47.2495, 89.0693, -32.6696



50.3449, 9.4833, 31.1871



30.2191, 2.0737, -0.3268



29.1733, 55.0597, -20.6791



5.5481, 10.5869, -4.8305

Previews

White Background



This preview shows how the HunterLab color 49.9977, -17.8620, -23.9339 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 49.9977, -17.8620, -23.9339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

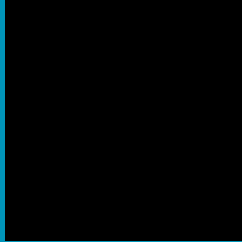
Any Text WCAG AA ✓ Pass

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 49.9977, -17.8620, -23.9339 Background



This preview shows how black text looks on a background with the HunterLab color 49.9977, -17.8620, -23.9339.



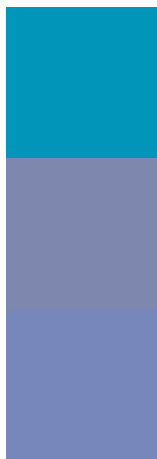
This preview shows how white text looks on a background with the HunterLab color 49.9977, -17.8620, -23.9339.

-17.8620, -23.9339.

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

49.9977, -17.8620, -23.9339

Protanopia

49.8192, 2.0611, -16.9225

Deuteranopia

49.8806, 3.4209, -25.7557



Tritanopia

50.1007, -24.1187, -10.5562

Trichromacy



Original Color

49.9977, -17.8620, -23.9339

Protanomaly

48.6580, -9.1327, -21.4999

Deuteranomaly

48.8677, -7.6125, -27.0618

Tritanomaly

50.0734, -21.9752, -15.1493

Monochromacy



Original Color

49.9977, -17.8620, -23.9339

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.8170, -12.6629, -8.0102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9977, -17.8620, -23.9339 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, 149, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 185)  
}
```

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, 149, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9977, -17.8620, -23.9339 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, 149, 185) }
```


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

```
.border{ border-color:rgb(0, 149, 185) }
```

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

Here you see how a box with a 4 pixel rgb(0, 149, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9977, -17.8620, -23.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 185) }
```

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

```
.background{ background-color: rgb(0, 149,  
185) }
```

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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