

Converting Colors

HunterLab(51.0189, -24.9118,
-9.9918)

Have a look what the booklet for
HunterLab(51.0189, -24.9118,
-9.9918) contains.

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Color

**HunterLab(51.1107,
-25.1057, -9.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	009BA4
RGB	0, 155, 164
RGB Percent	0%, 61%, 64%
CMY	0.9999, 0.3921, 0.3569
CMYK	1.00, 0.05, 0.00, 0.36
HSL	183°, 100%, 32%
HSV	183°, 100%, 64%
XYZ	18.4222, 26.1230, 39.1933
YIQ	109.6810, -95.2690, -30.0610

Conversions

Conversions Part 2

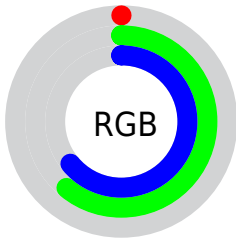
Format	Color
RYB	0, 80, 164
Decimal	39844
CIELab	58.15, -30.27, -14.42
CIELCh	58, 33.527, 205.471
Yxy	26.1240, 0.2200, 0.3120
Android (android.graphics.Color)	4278229924 (0xFF009BA4)
YUV	109.6810, 26.7793, -96.1902
Hunter-Lab	51.1107, -25.1057, -9.6879

Details

The HunterLab color **51.1107, -25.1057, -9.6879** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28.4406, 46.9347, 18.3449**, and the grayscale version is **39.2966, -2.0968, 2.1351**.

A 20% lighter version of the original color is **73.1675, -29.6123, -9.7397**, and **32.9702, -15.6048, -7.5235** is the 20% darker color. If you saturate the color by 10%, you get **51.1109, -25.1057, -9.6881**, and if you desaturate by 10%, it is **51.5155, -25.0311, -9.1175**.

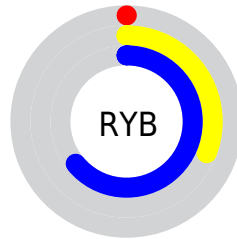
Distribution



Red (0%)

Green (61%)

Blue (64%)



Red (0%)

Yellow (31%)

Blue (64%)

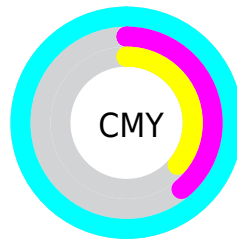


Cyan (100%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (100%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1107, -25.1057, -9.6879 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 51.1107, -25.1057, -9.6879 by changing the saturation by 10% instead.

51.1107, -25.1057,
-9.6879

51.1107, -25.1057,
-9.6879

168.3420,
-44.0987, -8.3061

41.1296, -22.6940,
-9.5566

73.1265, -29.6459,
-9.7485

31.8982, -20.1442,
-9.3523

85.0806, -31.8160,
-9.6893

23.4842, -17.4009,
-9.0701

97.6232, -33.9378,
-9.5759

15.9767, -14.3704,
-8.7127

110.7279,
-36.0212, -9.4118

9.5019, -14.3900,
-8.3142

124.3716,
-38.0735, -9.2003

0.0000, NaN, -NF

0.0000, NaN, NaN

138.5337,

-40.1009, -8.9439

0.0000, NaN, NaN

153.1960,
-42.1079, -8.6451

0.0000, NaN, NaN

■ 51.1107, -25.1057,
-9.6879

■ 51.1107, -25.1057,
-9.6879

■ 51.1109, -25.1057,
-9.6881

■ 51.5155, -25.0311,
-9.1175

■ 52.0077, -24.6136,
-8.4244

■ 52.6226, -23.7229,
-7.5621

■ 53.3718, -22.3220,
-6.5203

■ 54.2632, -20.3942,
-5.2964

■ 55.3013, -17.9388,
-3.8933

■ 56.4883, -14.9688,
-2.3187

■ 57.8240, -11.5077,
-0.5835

■ 59.3065, -7.5869,
1.2989

Harmonies

Analogous

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



51.1116, -27.1867, 4.7897



51.1107, -25.1057, -9.6879



51.1116, -17.2956, -23.5552

Triad

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



51.1116, -25.1057, -9.6872



51.1116, 21.7488, -14.2265



51.1116, -0.5573, 22.4837

Complementary

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



51.1107, -25.1057, -9.6879



28.4406, 46.9347, 18.3449

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.



51.1116, 13.6749, 19.8798



51.1107, -25.1057, -9.6879



51.1116, 27.4155, 0.6897

Square

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



51.1116, -25.1057, -9.6872



51.1116, 9.5423, -26.6381



51.1116, 24.3115, 12.7337



51.1116, -13.9434, 21.1066

Rectangle

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



51.1107, -25.1057, -9.6879



51.1116, -9.3969, -29.2634



51.1116, 24.3115, 12.7337



51.1116, 4.2974, 22.0708

Sweetspot

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



51.1116, -25.1057, -9.6872



76.0066, -20.4183, -3.2534



51.5456, -44.0746, 30.7188



35.2309, -10.3241, -1.9271



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.1116, -25.1057, -9.6872



68.7861, -33.7334, -13.1560



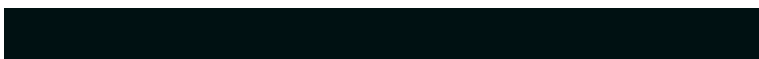
27.4838, 11.2509, -58.6361



28.1857, -3.4572, 0.6829



44.7803, -22.0149, -8.4475



6.6338, -3.3646, -1.0285

Inverse Universe

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



32.0310, 62.2375, -36.5755



43.1412, 83.8137, -49.1226



39.0398, 18.4818, 24.3785



26.8243, 1.9505, -0.7094



28.0508, 54.5147, -32.0820



4.0893, 7.9828, -4.9525

Previews

White Background



This preview shows how the HunterLab color 51.1107, -25.1057, -9.6879 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 51.1107, -25.1057, -9.6879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

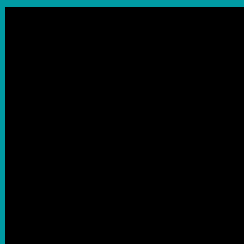
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

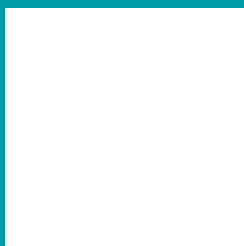
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.1107, -25.1057, -9.6879 Background



This preview shows how black text looks on a background with the HunterLab color 51.1107, -25.1057, -9.6879.



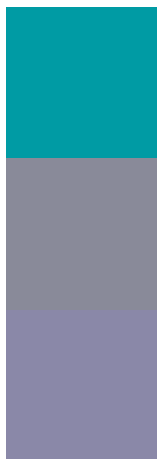
This preview shows how white text looks on a background with the HunterLab color 51.1107,

-25.1057, -9.6879.

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

51.1107, -25.1057, -9.6879

Protanopia

50.7890, -0.4733, -3.8936

Deuteranopia

50.8318, 3.5859, -11.8249



Tritanopia

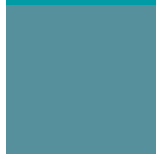
51.3253, -24.0535, -11.0272

Trichromacy



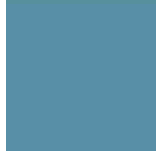
Original Color

51.1107, -25.1057, -9.6879



Protanomaly

49.4035, -14.2319, -8.0886



Deuteranomaly

49.5072, -11.5631, -13.4797



Tritanomaly

51.2449, -24.4388, -10.5911

Monochromacy



Original Color

51.1107, -25.1057, -9.6879



Achromatopsia

39.4875, -2.1070, 2.1454



Achromatomaly

42.2321, -14.6660, -3.8828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1107, -25.1057, -9.6879 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, 155, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 164)  
}
```

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, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1107, -25.1057, -9.6879 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, 155, 164) }
```


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

```
.border{ border-color:rgb(0, 155, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1107, -25.1057, -9.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 164) }
```

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

```
.background{ background-color: rgb(0, 155,  
164) }
```

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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