

Converting Colors

HunterLab(48.9306, -28.0296,
-12.6398)

Have a look what the booklet for
HunterLab(48.9306, -28.0296,
-12.6398) contains.

HunterLab(50.1366, -23.9067, -11.0587)	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(50.1366,
-23.9067, -11.0587)**

Conversions

Conversions Part 1

Format	Color
Hex	0098A4
RGB	0, 152, 164
RGB Percent	0%, 60%, 64%
CMY	0.9999, 0.4039, 0.3569
CMYK	1.00, 0.07, 0.00, 0.36
HSL	184°, 100%, 32%
HSV	184°, 100%, 64%
XYZ	17.9291, 25.1368, 39.0289
YIQ	107.9200, -94.4440, -28.4920

Conversions

Conversions Part 2

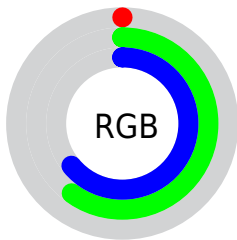
Format	Color
RYB	0, 79, 164
Decimal	39076
CIELab	57.21, -28.80, -15.85
CIELCh	57, 32.872, 208.825
Yxy	25.1377, 0.2184, 0.3062
Android (android.graphics.Color)	4278229156 (0xFF0098A4)
YUV	107.9200, 27.6474, -94.6458
Hunter-Lab	50.1366, -23.9067, -11.0587

Details

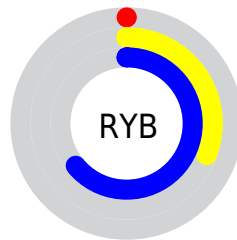
The HunterLab color $50.1366, -23.9067, -11.0587$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $28.5592, 46.5366, 18.4111$, and the grayscale version is $38.6218, -2.0608, 2.0984$.

A 20% lighter version of the original color is $72.1217, -28.4199, -11.1507$, and $32.0690, -14.4761, -8.8338$ is the 20% darker color. If you saturate the color by 10%, you get $50.1367, -23.9065, -11.0592$, and if you desaturate by 10%, it is $50.6390, -23.9481, -10.3384$.

Distribution



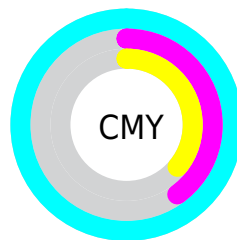
- Red (0%)
- Green (60%)
- Blue (64%)



- Red (0%)
- Yellow (31%)
- Blue (64%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1366, -23.9067, -11.0587 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 50.1366, -23.9067, -11.0587 by changing the saturation by 10% instead.

■ 50.1366, -23.9067,
-11.0587

■ 50.1366, -23.9067,
-11.0587

166.8901,
-42.2834, -10.1644

■ 40.2240, -21.5821,
-10.8668

■ 72.0281, -28.2873,
-11.2377

■ 31.0667, -19.1256,
-10.6022

■ 83.9250, -30.3837,
-11.2356

■ 22.7342, -16.4825,
-10.2631

■ 96.4132, -32.4353,
-11.1777

■ 15.3180, -13.5598,
-9.8604

■ 109.4658,
-34.4513, -11.0677

■ 8.9337, -14.5241,
-9.4946

■ 123.0595,
-36.4390, -10.9087

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 137.1734,

-38.4040, -10.7035

0.0000, NaN, NaN

151.7892,
-40.3509, -10.4547

0.0000, NaN, NaN

■ 50.1366, -23.9067,
-11.0587

■ 50.1366, -23.9067,
-11.0587

■ 50.1367, -23.9065,
-11.0592

■ 50.6390, -23.9481,
-10.3384

■ 51.2300, -23.6435,
-9.4945

■ 51.9449, -22.8627,
-8.4808

■ 52.7948, -21.5711,
-7.2892

■ 53.7867, -19.7542,
-5.9188

■ 54.9245, -17.4135,
-4.3747

■ 56.2095, -14.5640,
-2.6662

■ 57.6411, -11.2303,
-0.8056

■ 59.2167, -7.4446,
1.1928

Harmonies

Analogous

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



50.1375, -26.5836, 3.2450



50.1366, -23.9067, -11.0587



50.1375, -15.7102, -24.0860

Triad

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



50.1375, -23.9066, -11.0579



50.1375, 22.1538, -12.2054



50.1375, -2.1315, 22.0002

Complementary

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



50.1366, -23.9067, -11.0587



28.5592, 46.5366, 18.4111

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.



50.1375, 11.8385, 19.9023



50.1366, -23.9067, -11.0587



50.1375, 26.7640, 2.2077

Square

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



50.1375, -23.9066, -11.0579



50.1375, 10.7933, -24.8649



50.1375, 22.8019, 13.4545



50.1375, -14.8616, 20.2135

Rectangle

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



50.1366, -23.9067, -11.0587



50.1375, -7.7267, -28.9575



50.1375, 22.8019, 13.4545



50.1375, 2.5789, 21.7391

Sweetspot

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



50.1375, -23.9066, -11.0579



75.6235, -19.8631, -3.7317



51.5514, -44.0378, 30.6321



35.0272, -10.0339, -2.1839



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.



50.1375, -23.9066, -11.0579



67.4494, -32.0867, -15.0399



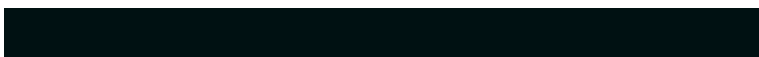
26.8283, 12.6637, -60.8665



28.1463, -3.3943, 0.6364



43.9356, -20.9756, -9.6354



6.5580, -3.2728, -1.1320

Inverse Universe

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



31.8752, 61.6945, -34.5349



42.9276, 83.0690, -46.3240



39.6383, 17.1842, 24.7245



26.8201, 1.9281, -0.6501



27.9156, 54.0436, -30.3118



4.0769, 7.9399, -4.7917

Previews

White Background



This preview shows how the HunterLab color 50.1366, -23.9067, -11.0587 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 50.1366, -23.9067, -11.0587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

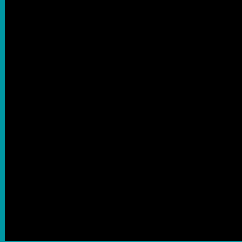
Any Text WCAG AA ✓ Pass

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 50.1366, -23.9067, -11.0587 Background



This preview shows how black text looks on a background with the HunterLab color 50.1366, -23.9067, -11.0587.



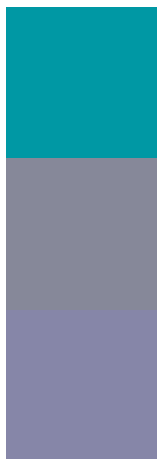
This preview shows how white text looks on a background with the HunterLab color 50.1366,

-23.9067, -11.0587.

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

50.1366, -23.9067, -11.0587

Protanopia

49.9766, -0.3621, -4.9642

Deuteranopia

49.9457, 3.4593, -13.1399



Tritanopia

50.1752, -23.7562, -11.0003

Trichromacy



Original Color

50.1366, -23.9067, -11.0587

Protanomaly

48.6946, -13.7155, -9.0738

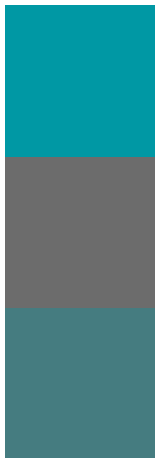
Deuteranomaly

48.7556, -11.1984, -14.6115

Tritanomaly

50.1624, -23.8063, -11.0198

Monochromacy



Original Color

50.1366, -23.9067, -11.0587

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.5199, -14.3713, -3.8297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1366, -23.9067, -11.0587 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, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 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, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1366, -23.9067, -11.0587 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, 152, 164) }
```


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

```
.border{ border-color:rgb(0, 152, 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, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1366, -23.9067, -11.0587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 164) }
```

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

```
.background{ background-color: rgb(0, 152,  
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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