

Converting Colors

HunterLab(51.3350, -16.9197,
-27.6394)

Have a look what the booklet for
HunterLab(51.3350, -16.9197,
-27.6394) contains.

HunterLab(51.3337, -16.9306, -27.6143)	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(51.3337,
-16.9306, -27.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	0098C2
RGB	0, 152, 194
RGB Percent	0%, 60%, 76%
CMY	0.9998, 0.4039, 0.2392
CMYK	1.00, 0.22, 0.00, 0.24
HSL	193°, 100%, 38%
HSV	193°, 100%, 76%
XYZ	20.9658, 26.3515, 55.0202
YIQ	111.3400, -104.0740, -19.1620

Conversions

Conversions Part 2

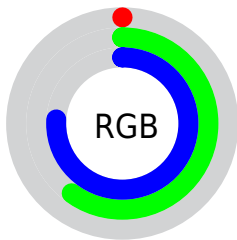
Format	Color
RYB	0, 85, 194
Decimal	39106
CIELab	58.37, -18.45, -31.08
CIELCh	58, 36.141, 239.305
Yxy	26.3524, 0.2049, 0.2575
Android (android.graphics.Color)	4278229186 (0xFF0098C2)
YUV	111.3400, 40.7514, -97.6452
Hunter-Lab	51.3337, -16.9306, -27.6143

Details

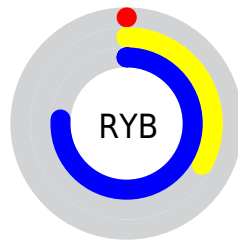
The HunterLab color **51.3337, -16.9306, -27.6143** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.2331, 50.2843, 23.2050**, and the grayscale version is **39.8828, -2.1280, 2.1669**.

A 20% lighter version of the original color is **73.2832, -19.8037, -29.0296**, and **33.4676, -8.5010, -23.4804** is the 20% darker color. If you saturate the color by 10%, you get **51.3314, -16.9272, -27.6188**, and if you desaturate by 10%, it is **52.8043, -18.2502, -25.0900**.

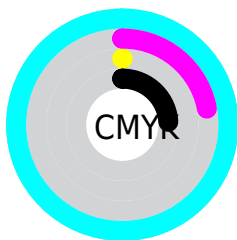
Distribution



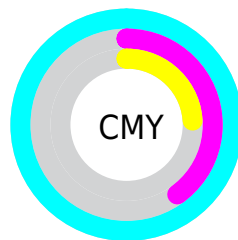
- Red (0%)
- Green (60%)
- Blue (76%)



- Red (0%)
- Yellow (33%)
- Blue (76%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3337, -16.9306, -27.6143 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 51.3337, -16.9306, -27.6143 by changing the saturation by 10% instead.

■ 51.3337, -16.9306,
-27.6143

■ 51.3337, -16.9306,
-27.6143

168.6736,
-30.7872, -30.7129

■ 41.3370, -15.2880,
-27.0305

■ 73.3777, -20.1014,
-28.6634

■ 32.0887, -13.5855,
-26.4409

■ 85.3447, -21.6516,
-29.1130

■ 23.6563, -11.7939,
-25.9087

■ 97.8997, -23.1874,
-29.5090

■ 16.1281, -9.8638,
-25.5951

■ 111.0163,
-24.7137, -29.8515

■ 9.6294, -8.8739,
-25.9864

■ 124.6714,
-26.2343, -30.1415

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 138.8445,

-27.7519, -30.3806

0.0000, NaN, NaN

153.5174,
-29.2689, -30.5705

0.0000, NaN, NaN

■ 51.3337, -16.9306,
-27.6143

■ 51.3337, -16.9306,
-27.6143

■ 51.3314, -16.9272,
-27.6188

■ 52.8043, -18.2502,
-25.0900

■ 54.4105, -19.0777,
-22.4231

■ 56.1868, -19.2838,
-19.5738

■ 58.1405, -18.8454,
-16.5526

■ 60.2729, -17.7668,
-13.3783

■ 62.5815, -16.0710,
-10.0739

■ 65.0614, -13.7933,
-6.6628

■ 67.7057, -10.9766,
-3.1675

■ 70.5067, -7.6668,
0.3920

Harmonies

Analogous

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



51.3346, -25.9868, -12.9002



51.3337, -16.9306, -27.6143



51.3346, -3.0989, -33.8644

Triad

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



51.3346, -16.9302, -27.6134



51.3346, 30.1587, 2.4530



51.3346, -16.3788, 21.7163

Complementary

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



51.3337, -16.9306, -27.6143



36.2331, 50.2843, 23.2050

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.



51.3346, -2.3838, 23.6591



51.3337, -16.9306, -27.6143



51.3346, 25.5540, 14.7046

Square

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



51.3346, -16.9302, -27.6134



51.3346, 25.1233, -13.6670



51.3346, 13.1774, 21.5219



51.3346, -25.6957, 15.1393

Rectangle

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



51.3337, -16.9306, -27.6143



51.3346, 7.3639, -31.3108



51.3346, 13.1774, 21.5219



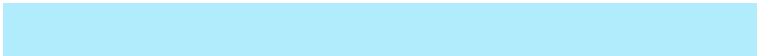
51.3346, -12.1217, 22.8295

Sweetspot

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



51.3346, -16.9302, -27.6134



87.4017, -18.7360, -9.1995



62.2331, -52.5298, 35.6132



40.2182, -9.4207, -5.2353

0.0000, NaN, NaN



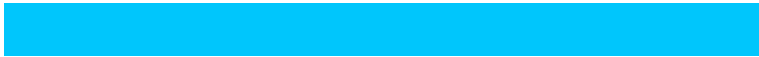
46.2646, -2.4686, 2.5136

Same Dimension

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



51.3346, -16.9302, -27.6134



68.8092, -22.3911, -37.6695



26.3527, 30.1717, -98.0650



33.2360, -3.5029, 0.2874



41.7704, -13.9311, -22.1362



9.2097, -3.6082, -3.7222

Inverse Universe

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



37.0640, 69.5833, -23.4636



49.8467, 93.5233, -31.0408



53.8751, 8.5160, 33.3453



31.9515, 2.1905, -0.2756



30.0726, 56.4974, -19.3054



6.3267, 12.0115, -5.0343

Previews

White Background



This preview shows how the HunterLab color 51.3337, -16.9306, -27.6143 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 51.3337, -16.9306, -27.6143 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

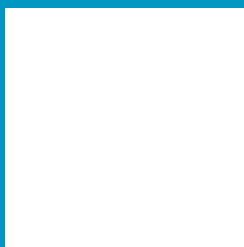
Any Text WCAG AAA × Fail

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

HunterLab 51.3337, -16.9306, -27.6143 Background



This preview shows how black text looks on a background with the HunterLab color 51.3337, -16.9306, -27.6143.



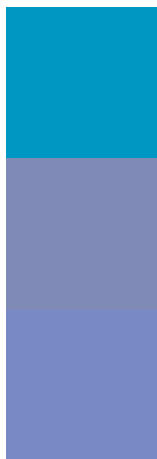
This preview shows how white text looks on a background with the HunterLab color 51.3337,

-16.9306, -27.6143.

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

51.3337, -16.9306, -27.6143

Protanopia

51.0959, 2.7673, -20.4507

Deuteranopia

51.1176, 4.0385, -29.6993



Tritanopia

51.2179, -24.4723, -11.1893

Trichromacy



Original Color

51.3337, -16.9306, -27.6143



Protanomaly

49.9821, -8.2383, -25.1143



Deuteranomaly

50.1667, -6.7844, -30.9284



Tritanomaly

51.2694, -21.8600, -16.8928

Monochromacy



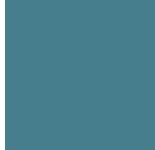
Original Color

51.3337, -16.9306, -27.6143



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

42.6432, -12.3933, -8.9769

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3337, -16.9306, -27.6143 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3337, -16.9306, -27.6143 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, 194) }
```


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

```
.border{ border-color:rgb(0, 152, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3337, -16.9306, -27.6143 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, 194) }
```

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

```
.background{ background-color: rgb(0, 152,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor