

Converting Colors

HunterLab(38.8787, -19.9090,
-11.6321)

Have a look what the booklet for
HunterLab(38.8787, -19.9090,
-11.6321) contains.

HunterLab(39.3094, -17.5643, -11.2171)	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(39.3094,
-17.5643, -11.2171)**

Conversions

Conversions Part 1

Format	Color
Hex	007988
RGB	0, 121, 136
RGB Percent	0%, 47%, 53%
CMY	0.9999, 0.5255, 0.4667
CMYK	1.00, 0.11, 0.00, 0.47
HSL	187°, 100%, 27%
HSV	187°, 100%, 53%
XYZ	11.2813, 15.4523, 25.6805
YIQ	86.5310, -76.9310, -20.9870

Conversions

Conversions Part 2

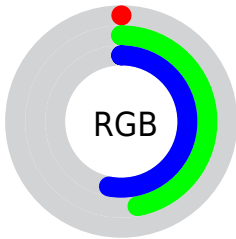
Format	Color
RYB	0, 64, 136
Decimal	31112
CIELab	46.25, -22.59, -16.25
CIELCh	46, 27.822, 215.726
Yxy	15.4528, 0.2152, 0.2948
Android (android.graphics.Color)	4278221192 (0xFF007988)
YUV	86.5310, 24.3882, -75.8877
Hunter-Lab	39.3094, -17.5643, -11.2171

Details

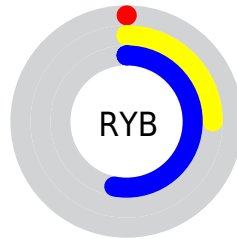
The HunterLab color **39.3094, -17.5643, -11.2171** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.6146, 36.7173, 15.1927**, and the grayscale version is **30.6361, -1.6347, 1.6645**.

A 20% lighter version of the original color is **59.7830, -21.6119, -11.2874**, and **23.0361, -9.3410, -8.6287** is the 20% darker color. If you saturate the color by 10%, you get **39.3093, -17.5640, -11.2176**, and if you desaturate by 10%, it is **39.8880, -17.7123, -10.3540**.

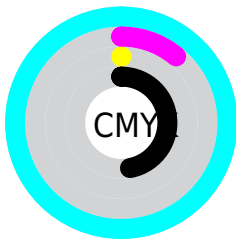
Distribution



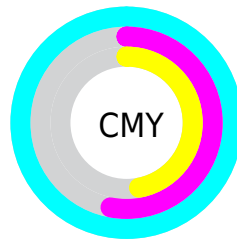
- Red (0%)
- Green (47%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3094, -17.5643, -11.2171 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 39.3094, -17.5643, -11.2171 by changing the saturation by 10% instead.

39.3094, -17.5643,
-11.2171

39.3094, -17.5643,
-11.2171

150.3632,
-33.4753, -10.9761

30.2288, -15.5493,
-10.9307

59.7040, -21.3418,
-11.5720

21.9800, -13.3997,
-10.5721

70.9170, -23.1485,
-11.6501

14.6579, -11.0425,
-10.1561

82.7556, -24.9188,
-11.6676

8.3170, -12.2778,
-9.9750

95.1881, -26.6618,
-11.6288

0.0000, NaN, -NF

0.0000, NaN, NaN

108.1875,
-28.3842, -11.5372

0.0000, NaN, NaN

121.7301,

0.0000, NaN, NaN

-30.0913, -11.3960

0.0000, NaN, NaN

135.7950,
-31.7872, -11.2081

■ 39.3094, -17.5643,
-11.2171

■ 39.3094, -17.5643,
-11.2171

■ 39.3093, -17.5640,
-11.2176

■ 39.8880, -17.7123,
-10.3540

■ 40.5331, -17.6045,
-9.4035

■ 41.2794, -17.1120,
-8.3190

■ 42.1340, -16.2137,
-7.0981

■ 43.1009, -14.9035,
-5.7441

■ 44.1817, -13.1869,
-4.2643

■ 45.3763, -11.0790,
-2.6683

■ 46.6830, -8.6013,
-0.9678

■ 48.0991, -5.7798,
0.8251

Harmonies

Analogous

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



39.3101, -20.6862, 0.1194



39.3094, -17.5643, -11.2171



39.3101, -10.2702, -20.4376

Triad

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



39.3101, -17.5642, -11.2165



39.3101, 18.6569, -6.8691



39.3101, -4.1481, 17.1474

Complementary

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



39.3094, -17.5643, -11.2171



23.6146, 36.7173, 15.1927

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.



39.3101, 6.7982, 16.2141



39.3094, -17.5643, -11.2171



39.3101, 20.7468, 4.0583

Square

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



39.3101, -17.5642, -11.2165



39.3101, 10.7629, -17.4905



39.3101, 16.2006, 12.0073



39.3101, -13.4951, 15.0264

Rectangle

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



39.3094, -17.5643, -11.2171



39.3101, -3.6339, -23.0673



39.3101, 16.2006, 12.0073



39.3101, -0.5414, 17.1714

Sweetspot

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



39.3101, -17.5642, -11.2165



60.1275, -14.9088, -3.6874



41.9992, -35.7528, 24.6864



28.6489, -7.6911, -2.1551



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



39.3101, -17.5642, -11.2165



52.0500, -23.1469, -15.0904



21.1056, 11.9712, -52.2194



23.6559, -2.7146, 0.4789



38.2533, -17.1010, -10.8972



3.3117, -1.6350, -0.6099

Inverse Universe

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



25.7200, 49.4097, -24.9868



34.1218, 65.5230, -32.8983



33.4812, 11.4689, 20.8308



22.6266, 1.5087, -0.3995



25.0229, 48.0770, -24.3312



2.0701, 4.0255, -2.3858

Previews

White Background



This preview shows how the HunterLab color 39.3094, -17.5643, -11.2171 looks on a white 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

Black Background



This preview shows how the HunterLab color 39.3094, -17.5643, -11.2171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

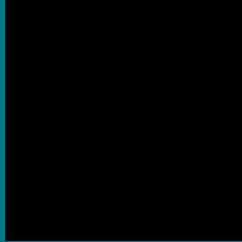
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 39.3094, -17.5643, -11.2171 Background



This preview shows how black text looks on a background with the HunterLab color 39.3094, -17.5643, -11.2171.



This preview shows how white text looks on a background with the HunterLab color 39.3094,

-17.5643, -11.2171.

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

39.3094, -17.5643, -11.2171

Protanopia

39.1428, 0.5290, -6.2845

Deuteranopia

39.1440, 2.7576, -12.8287



Tritanopia

39.4433, -18.9909, -8.3048

Trichromacy



Original Color

39.3094, -17.5643, -11.2171

Protanomaly

38.2299, -9.7097, -9.3661

Deuteranomaly

38.1858, -7.7937, -13.9401

Tritanomaly

39.5127, -18.5816, -9.2750

Monochromacy



Original Color

39.3094, -17.5643, -11.2171

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.7961, -10.6554, -4.1388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3094, -17.5643, -11.2171 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, 121, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 136)  
}
```

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, 121, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3094, -17.5643, -11.2171 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, 121, 136) }
```


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

```
.border{ border-color:rgb(0, 121, 136) }
```

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

Here you see how a box with a 4 pixel rgb(0, 121, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.3094, -17.5643, -11.2171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 136) }
```

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

```
.background{ background-color: rgb(0, 121,  
136) }
```

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