

Converting Colors

HunterLab(40.0731, -18.0927,
-11.0309)

Have a look what the booklet for
HunterLab(40.0731, -18.0927,
-11.0309) contains.

HunterLab(40.0011, -17.9242, -11.3046)	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(40.0011,
-17.9242, -11.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	007B8A
RGB	0, 123, 138
RGB Percent	0%, 48%, 54%
CMY	0.9999, 0.5176, 0.4588
CMYK	1.00, 0.11, 0.00, 0.46
HSL	187°, 100%, 27%
HSV	187°, 100%, 54%
XYZ	11.6704, 16.0009, 26.5181
YIQ	87.9330, -78.1230, -21.4110

Conversions

Conversions Part 2

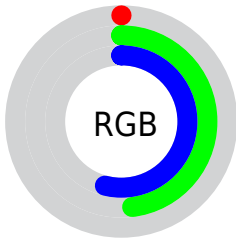
Format	Color
RYB	0, 65, 138
Decimal	31626
CIELab	46.98, -22.93, -16.32
CIELCh	47, 28.145, 215.438
Yxy	16.0015, 0.2154, 0.2953
Android (android.graphics.Color)	4278221706 (0xFF007B8A)
YUV	87.9330, 24.6830, -77.1172
Hunter-Lab	40.0011, -17.9242, -11.3046

Details

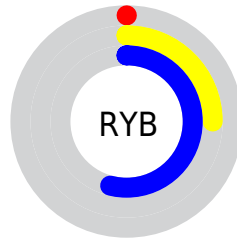
The HunterLab color **40.0011, -17.9242, -11.3046** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.9699, 37.3804, 15.4231**, and the grayscale version is **31.1498, -1.6621, 1.6924**.

A 20% lighter version of the original color is **60.5403, -21.9247, -11.3515**, and **23.6688, -9.6688, -8.7119** is the 20% darker color. If you saturate the color by 10%, you get **40.0010, -17.9239, -11.3053**, and if you desaturate by 10%, it is **40.5812, -18.0733, -10.4408**.

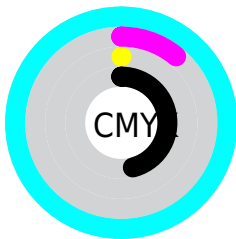
Distribution



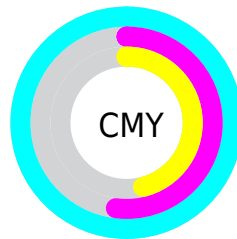
- Red (0%)
- Green (48%)
- Blue (54%)



- Red (0%)
- Yellow (25%)
- Blue (54%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0011, -17.9242, -11.3046 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 40.0011, -17.9242, -11.3046 by changing the saturation by 10% instead.

40.0011, -17.9242,
-11.3046

40.0011, -17.9242,
-11.3046

151.4432,
-33.9739, -11.0499

30.8629, -15.8923,
-11.0210

60.4985, -21.7353,
-11.6548

22.5506, -13.7266,
-10.6652

71.7583, -23.5582,
-11.7309

15.1572, -11.3557,
-10.2504

83.6411, -25.3444,
-11.7469

8.7882, -11.8395,
-9.9165

96.1158, -27.1028,
-11.7066

0.0000, NaN, -NF

0.0000, NaN, NaN

109.1555,
-28.8402, -11.6138

0.0000, NaN, NaN

122.7368,

0.0000, NaN, NaN

-30.5619, -11.4716

0.0000, NaN, NaN

136.8389,
-32.2720, -11.2828

■ 40.0011, -17.9242,
-11.3046

■ 40.0011, -17.9242,
-11.3046

■ 40.0010, -17.9239,
-11.3053

■ 40.5812, -18.0733,
-10.4408

■ 41.2295, -17.9596,
-9.4868

■ 41.9808, -17.4547,
-8.3963

■ 42.8422, -16.5365,
-7.1666

■ 43.8180, -15.1984,
-5.8009

■ 44.9100, -13.4461,
-4.3063

■ 46.1179, -11.2946,
-2.6928

■ 47.4402, -8.7658,
-0.9721

■ 48.8742, -5.8862,
0.8436

Harmonies

Analogous

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



40.0018, -21.0574, 0.2273



40.0011, -17.9242, -11.3046



40.0018, -10.5390, -20.7315

Triad

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



40.0018, -17.9241, -11.3040



40.0018, 18.9311, -7.1020



40.0018, -4.1174, 17.4538

Complementary

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



40.0011, -17.9242, -11.3046



23.9699, 37.3804, 15.4231

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.



40.0018, 7.0224, 16.4743



40.0011, -17.9242, -11.3046



40.0018, 21.1227, 4.0340

Square

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



40.0018, -17.9241, -11.3040



40.0018, 10.8542, -17.8828



40.0018, 16.5570, 12.1588



40.0018, -13.6556, 15.3267

Rectangle

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



40.0011, -17.9242, -11.3046



40.0018, -3.8019, -23.4587



40.0018, 16.5570, 12.1588



40.0018, -0.4434, 17.4685

Sweetspot

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



40.0018, -17.9241, -11.3040



61.1186, -15.1985, -3.7202



42.6714, -36.3288, 25.0896



28.6631, -7.7117, -2.1369



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.



40.0018, -17.9241, -11.3040



52.9753, -23.6293, -15.2057



21.4190, 12.2195, -53.1468



23.6587, -2.7191, 0.4823



38.3185, -17.1836, -10.8003



3.3144, -1.6383, -0.6062

Inverse Universe

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



26.1417, 50.2345, -25.5137



34.6854, 66.6261, -33.6042



34.0009, 11.6869, 21.1548



22.6269, 1.5103, -0.4038



25.0329, 48.1123, -24.4644



2.0705, 4.0270, -2.3914

Previews

White Background



This preview shows how the HunterLab color 40.0011, -17.9242, -11.3046 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 40.0011, -17.9242, -11.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

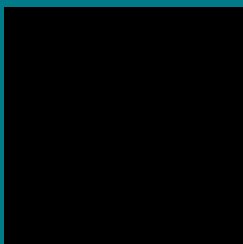
Any Text WCAG AA × Fail

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 40.0011, -17.9242, -11.3046 Background



This preview shows how black text looks on a background with the HunterLab color 40.0011, -17.9242, -11.3046.



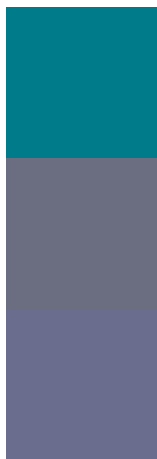
This preview shows how white text looks on a background with the HunterLab color 40.0011, -17.9242, -11.3046.

-17.9242, -11.3046.

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

40.0011, -17.9242, -11.3046

Protanopia

39.8279, 0.2249, -6.3719

Deuteranopia

39.9056, 2.7193, -12.8028



Tritanopia

40.1357, -19.3534, -8.3877

Trichromacy



Original Color

40.0011, -17.9242, -11.3046

Protanomaly

38.9312, -9.9939, -9.4313

Deuteranomaly

38.8862, -8.0753, -14.0092

Tritanomaly

40.2052, -18.9434, -9.3596

Monochromacy



Original Color

40.0011, -17.9242, -11.3046

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.4495, -11.1170, -3.7527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0011, -17.9242, -11.3046 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, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 138)  
}
```

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, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0011, -17.9242, -11.3046 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, 123, 138) }
```


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

```
.border{ border-color:rgb(0, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0011, -17.9242, -11.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 138) }
```

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

```
.background{ background-color: rgb(0, 123,  
138) }
```

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