

Converting Colors

HunterLab(34.8011, -20.0012,
-0.3218)

Have a look what the booklet for
HunterLab(34.8011, -20.0012,
-0.3218) contains.

HunterLab(34.8011, -20.0011, -0.3218)	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(34.8011,
-20.0011, -0.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	006E66
RGB	0, 110, 102
RGB Percent	0%, 43%, 40%
CMY	1.0000, 0.5686, 0.6000
CMYK	1.00, 0.00, 0.07, 0.57
HSL	176°, 100%, 22%
HSV	176°, 100%, 43%
XYZ	7.9742, 12.1112, 14.4878
YIQ	76.1980, -62.9920, -25.8080

Conversions

Conversions Part 2

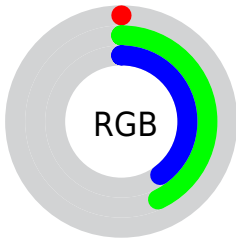
Format	Color
RYB	0, 57, 110
Decimal	28262
CIELab	41.39, -28.49, -3.15
CIELCh	41, 28.667, 186.312
Yxy	12.1116, 0.2307, 0.3503
Android (android.graphics.Color)	4278218342 (0xFF006E66)
YUV	76.1980, 12.7204, -66.8256
Hunter-Lab	34.8011, -20.0011, -0.3218

Details

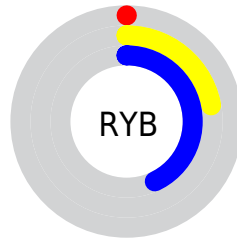
The HunterLab color **34.8011, -20.0011, -0.3218** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.2561, 31.3575, 11.0513**, and the grayscale version is **26.9278, -1.4368, 1.4630**.

A 20% lighter version of the original color is **54.4393, -24.5377, 0.2934**, and **19.0087, -11.1196, 0.2447** is the 20% darker color. If you saturate the color by 10%, you get **34.8017, -20.0017, -0.3212**, and if you desaturate by 10%, it is **34.9267, -19.4569, -0.5132**.

Distribution



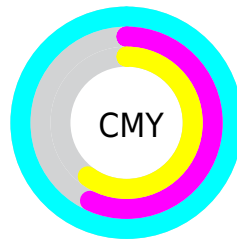
- Red (0%)
- Green (43%)
- Blue (40%)



- Red (0%)
- Yellow (22%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.8011, -20.0011, -0.3218 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 34.8011, -20.0011, -0.3218 by changing the saturation by 10% instead.

■ 34.8011, -20.0011,
-0.3218

■ 34.8011, -20.0011,
-0.3218

143.2281,
-38.9007, 4.3134

■ 26.1146, -17.4687,
-0.6054

■ 54.4961, -24.6364,
0.4143

■ 18.3020, -14.7058,
-0.8226

■ 65.3925, -26.8122,
0.8548

■ 11.4755, -12.2545,
-0.9595

■ 76.9316, -28.9231,
1.3384

■ 3.9270, -6.8722,
-3.1129

■ 89.0793, -30.9835,
1.8622

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.8067,
-33.0041, 2.4235

0.0000, NaN, NaN

■ 115.0883,

0.0000, NaN, NaN

-34.9931, 3.0203

0.0000, NaN, NaN

128.9020,
-36.9569, 3.6508

34.8011, -20.0011,
-0.3218

34.8011, -20.0011,
-0.3218

34.8017, -20.0017,
-0.3212

34.9267, -19.4569,
-0.5132

35.0917, -18.7554,
-0.6538

35.3318, -17.7624,
-0.6969

35.6539, -16.4578,
-0.6332

36.0630, -14.8320,
-0.4565

■ 36.5626, -12.8841,
-0.1637

■ 37.1547, -10.6215,
0.2458

■ 37.8401, -8.0576,
0.7701

■ 38.6186, -5.2112,
1.4054

Harmonies

Analogous

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



34.8018, -18.7317, 8.8616



34.8011, -20.0011, -0.3218



34.8018, -16.9028, -11.7658

Triad

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



34.8018, -20.0012, -0.3214



34.8018, 11.1497, -17.7991



34.8018, 6.7779, 15.4512

Complementary

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



34.8011, -20.0011, -0.3218



18.2561, 31.3575, 11.0513

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.



34.8018, 16.2742, 11.5871



34.8011, -20.0011, -0.3218



34.8018, 19.0035, -6.8991

Square

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



34.8018, -20.0012, -0.3214



34.8018, 0.4267, -23.6385



34.8018, 20.9834, 3.9733



34.8018, -4.0868, 16.2502

Rectangle

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



34.8011, -20.0011, -0.3218



34.8018, -12.5282, -18.5839



34.8018, 20.9834, 3.9733



34.8018, 10.2743, 14.5398

Sweetspot

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



34.8018, -20.0012, -0.3214



49.1692, -14.3331, 0.2762



33.4835, -28.2575, 20.1372



23.5958, -7.3826, 0.0453



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.8018, -20.0012, -0.3214



46.1109, -26.5544, -0.3113



21.9364, -0.4877, -26.3643



19.5223, -2.4821, 0.7430



38.1412, -21.9364, -0.3188



85.0958, -49.1525, -0.2563

Inverse Universe

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



18.2561, 31.3575, 11.0513



24.1755, 41.4955, 14.8917



22.9273, 17.5008, 14.4334



18.4529, 0.5332, 1.3546



20.0036, 34.3524, 12.1855



44.5887, 76.4574, 28.0533

Previews

White Background



This preview shows how the HunterLab color 34.8011, -20.0011, -0.3218 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 34.8011, -20.0011, -0.3218 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 34.8011, -20.0011, -0.3218 Background



This preview shows how black text looks on a background with the HunterLab color 34.8011, -20.0011, -0.3218.



This preview shows how white text looks on a background with the HunterLab color 34.8011,

-20.0011, -0.3218.

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

34.8011, -20.0011, -0.3218

Protanopia

34.7634, -1.2949, 2.9335

Deuteranopia

34.7677, 1.9748, -1.3327



Tritanopia

34.9701, -15.2613, -7.2525

Trichromacy



Original Color

34.8011, -20.0011, -0.3218

Protanomaly

33.8741, -11.4836, 0.4468

Deuteranomaly

33.5739, -9.2957, -2.6028

Tritanomaly

34.9661, -17.1635, -4.7474

Monochromacy



Original Color

34.8011, -20.0011, -0.3218

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

28.7467, -10.8872, -0.2029

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8011, -20.0011, -0.3218 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, 110, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 102)  
}
```

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, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8011, -20.0011, -0.3218 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, 110, 102) }
```


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

```
.border{ border-color:rgb(0, 110, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.8011, -20.0011, -0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 102) }
```

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

```
.background{ background-color: rgb(0, 110,  
102) }
```

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