

Converting Colors

HunterLab(20.3268, -16.0787,
11.7021)

Have a look what the booklet for
HunterLab(20.3268, -16.0787,
11.7021) contains.

HunterLab(20.2806, -16.0748, 11.7117)	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(20.2806,
-16.0748, 11.7117)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4306
RGB	13, 67, 6
RGB Percent	5%, 26%, 2%
CMY	0.9490, 0.7372, 0.9765
CMYK	0.81, 0.00, 0.91, 0.74
HSL	113°, 84%, 14%
HSV	113°, 91%, 26%
XYZ	2.2060, 4.1130, 0.8499
YIQ	43.9000, -12.6030, -30.4190

Conversions

Conversions Part 2

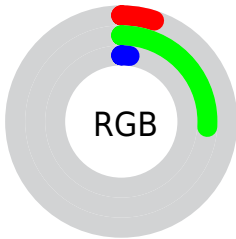
Format	Color
RYB	6, 67, 60
Decimal	869126
CIELab	24.04, -29.97, 29.29
CIELCh	24, 41.908, 135.653
Yxy	4.1132, 0.3077, 0.5737
Android (android.graphics.Color)	4279059206 (0xFF0D4306)
YUV	43.9000, -18.6847, -27.0993
Hunter-Lab	20.2806, -16.0748, 11.7117

Details

The HunterLab color **20.2806, -16.0748, 11.7117** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.2324, 21.5238, -17.8250**, and the grayscale version is **15.9003, -0.8484, 0.8639**.

A 20% lighter version of the original color is **37.2908, -21.5337, 17.2463**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.1596, -16.6545, 12.1307**, and if you desaturate by 10%, it is **20.4464, -15.3071, 11.2558**.

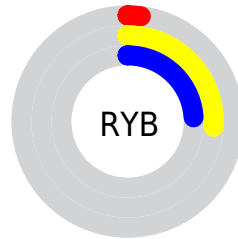
Distribution



Red (5%)

Green (26%)

Blue (2%)



Red (2%)

Yellow (26%)

Blue (24%)

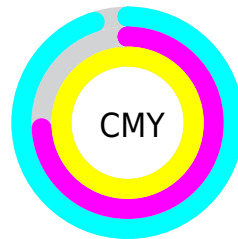


Cyan (81%)

Magenta (0%)

Yellow (91%)

Black (74%)



Cyan (95%)

Magenta (74%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2806, -16.0748, 11.7117 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 20.2806, -16.0748, 11.7117 by changing the saturation by 10% instead.

■ 20.2806, -16.0748,
11.7117

■ 20.2806, -16.0748,
11.7117

■ 118.6969,
-36.9447, 32.7425

■ 13.1799, -12.9620,
9.2259

■ 37.2390, -21.4940,
17.2051

■ 6.6895, -11.7067,
4.6827

■ 46.9194, -23.9366,
19.6819

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.3181, -26.2656,
22.0357

0.0000, NaN, NaN

■ 68.3884, -28.5088,
24.2955

0.0000, NaN, NaN

■ 80.0918, -30.6858,
26.4824


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.3957, -32.8108,


28.6118


0.0000, NaN, NaN


 105.2723,
-34.8943, 30.6955


 20.2806, -16.0748,
11.7117


 20.2806, -16.0748,
11.7117


 20.1596, -16.6545,
12.1307

 20.4464, -15.3071,
11.2558

 20.6587, -14.3288,
10.6586

 20.9228, -13.1217,
9.8764

 21.2402, -11.6884,
8.9074

 21.6114, -10.0366,
7.7546

■ 22.0366, -8.1782,
6.4248

■ 22.5153, -6.1279,
4.9278

■ 23.0463, -3.9028,
3.2757

■ 23.6284, -1.5206,
1.4817

Harmonies

Analogous

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



20.2810, -7.4125, 13.9723



20.2806, -16.0748, 11.7117



20.2810, -20.1016, 6.1680

Triad

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



20.2810, -16.0751, 11.7118



20.2810, -6.9279, -38.2434



20.2810, 29.1343, 6.5409

Complementary

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



20.2806, -16.0748, 11.7117



12.2324, 21.5238, -17.8250

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.



20.2810, 29.3597, -5.7375



20.2806, -16.0748, 11.7117



20.2810, 6.1321, -37.8895

Square

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



20.2810, -16.0751, 11.7118



20.2810, -15.7979, -24.4194



20.2810, 20.1333, -23.6345



20.2810, 19.5787, 11.8498

Rectangle

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



20.2806, -16.0748, 11.7117



20.2810, -20.4843, -1.3879



20.2810, 20.1333, -23.6345



20.2810, 30.3716, 3.3149

Sweetspot

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



20.2810, -16.0751, 11.7118



28.7880, -9.8618, 7.7931



21.0384, -3.2395, 12.4213



14.6178, -5.1694, 4.0755



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.2810, -16.0751, 11.7118



26.1383, -21.7825, 15.7249



20.3564, -15.3773, 8.8155



12.1170, -1.7300, 1.4799



29.3306, -24.5206, 17.6441



73.3095, -62.1047, 44.0857

Inverse Universe

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



12.2324, 21.5238, -17.8250



15.0025, 30.2462, -25.6071



12.2582, 19.7209, -3.4456



11.6207, 0.5015, -0.2280



16.8206, 33.9256, -28.8184



41.8312, 84.5543, -73.1010

Previews

White Background



This preview shows how the HunterLab color 20.2806, -16.0748, 11.7117 looks on a white background.

Color Contrast Check

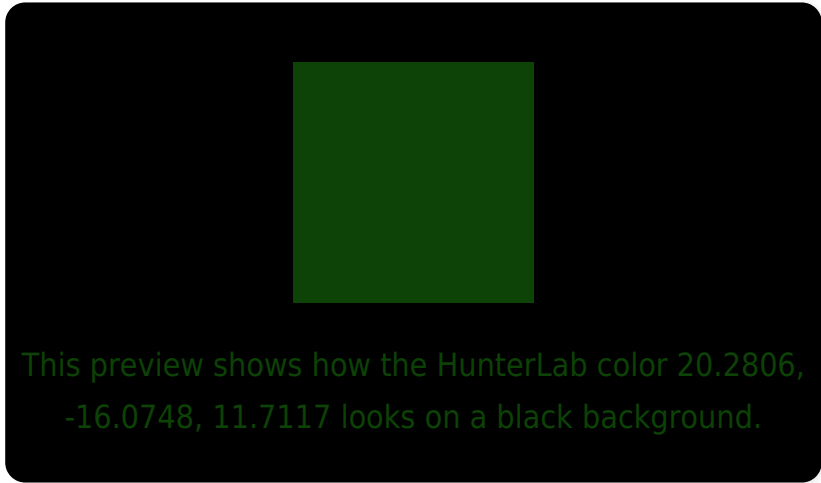
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

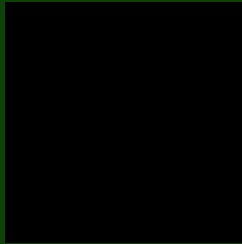
Any Text WCAG AA × Fail

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 20.2806, -16.0748, 11.7117 Background



This preview shows how black text looks on a background with the HunterLab color 20.2806, -16.0748, 11.7117.



This preview shows how white text looks on a background with the HunterLab color 20.2806,

-16.0748, 11.7117.

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

20.2806, -16.0748, 11.7117

Protanopia

20.3714, -3.2905, 12.4951

Deuteranopia

20.3583, 0.5399, 11.2379



Tritanopia

20.3138, -6.8051, -3.1007

Trichromacy



Original Color

20.2806, -16.0748, 11.7117

Protanomaly

19.8058, -9.3674, 11.8683

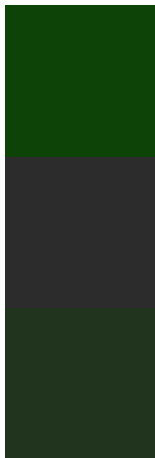
Deuteranomaly

19.6425, -7.1524, 10.9285

Tritanomaly

20.1257, -11.4172, 4.8877

Monochromacy



Original Color

20.2806, -16.0748, 11.7117

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.9501, -7.6579, 6.0140

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2806, -16.0748, 11.7117 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(13, 67, 6)` looks like.

```
.text, #text, p{  
    color:rgb(13, 67, 6)  
}
```

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(13, 67, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 67, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2806, -16.0748, 11.7117 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(13, 67, 6) }
```


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

```
.border{ border-color:rgb(13, 67, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 67, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 67, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 67, 6); box-shadow:4px  
4px 4px 4px rgb(13, 67, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.2806, -16.0748, 11.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 67, 6) }
```

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

```
.background{ background-color: rgb(13, 67,  
6) }
```

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