

Converting Colors

HunterLab(16.8912, -12.7423,
6.3945)

Have a look what the booklet for
HunterLab(16.8912, -12.7423,
6.3945) contains.

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Color

**HunterLab(16.7816,
-12.6066, 6.2386)**

Conversions

Conversions Part 1

Format	Color
Hex	00371C
RGB	0, 55, 28
RGB Percent	0%, 22%, 11%
CMY	1.0000, 0.7843, 0.8902
CMYK	1.00, 0.00, 0.49, 0.78
HSL	151°, 100%, 11%
HSV	151°, 100%, 22%
XYZ	1.5758, 2.8162, 1.5591
YIQ	35.4770, -24.1130, -20.0570

Conversions

Conversions Part 2

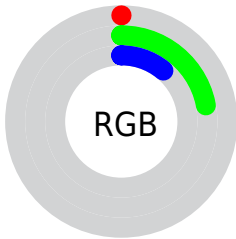
Format	Color
RYB	0, 36, 55
Decimal	14108
CIELab	19.29, -24.63, 12.28
CIELCh	19, 27.521, 153.494
Yxy	2.8163, 0.2648, 0.4732
Android (android.graphics.Color)	4278204188 (0xFF00371C)
YUV	35.4770, -3.6862, -31.1133
Hunter-Lab	16.7816, -12.6066, 6.2386

Details

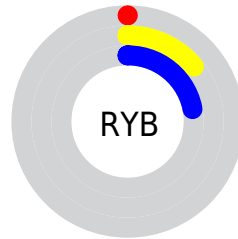
The HunterLab color **16.7816, -12.6066, 6.2386** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.4415, 17.0063, -0.3966**, and the grayscale version is **13.1331, -0.7007, 0.7135**.

A 20% lighter version of the original color is **33.0534, -17.4048, 9.0653**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.7819, -12.6069, 6.2388**, and if you desaturate by 10%, it is **16.9273, -11.9228, 5.7533**.

Distribution



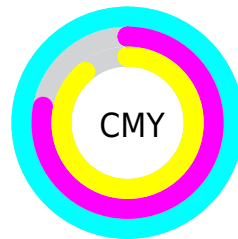
- Red (0%)
- Green (22%)
- Blue (11%)



- Red (0%)
- Yellow (14%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7816, -12.6066, 6.2386 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 16.7816, -12.6066, 6.2386 by changing the saturation by 10% instead.

■ 16.7816, -12.6066,
6.2386

■ 16.7816, -12.6066,
6.2386

■ 112.2541,
-30.8804, 17.7816

■ 10.1814, -11.2149,
5.6044

■ 32.9091, -17.3393,
8.9902

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.2290, -19.4663,
10.2836

0.0000, NaN, NaN

■ 52.2929, -21.4968,
11.5505

0.0000, NaN, NaN

■ 63.0495, -23.4569,
12.8024

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4566, -25.3641,
14.0469


0.0000, NaN, NaN


■ 86.4791, -27.2313,


0.0000, NaN, NaN


15.2893


 99.0869, -29.0677,
16.5332


 16.7816, -12.6066,
6.2386


 16.7816, -12.6066,
6.2386


 16.7819, -12.6069,
6.2388

 16.9273, -11.9228,
5.7533

 17.0754, -11.2282,
5.2264

 17.2485, -10.4335,
4.6807

 17.4592, -9.4917,
4.1323

 17.7088, -8.4050,
3.5868

■ 17.9978, -7.1783,
3.0491

■ 18.3265, -5.8190,
2.5240

■ 18.6946, -4.3362,
2.0155

■ 19.1015, -2.7403,
1.5272

Harmonies

Analogous

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



16.7819, -8.6008, 9.2001



16.7816, -12.6066, 6.2386



16.7819, -13.7027, -0.0073

Triad

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



16.7819, -12.6068, 6.2387



16.7819, 0.0558, -21.3790



16.7819, 14.0322, 7.1693

Complementary

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



16.7816, -12.6066, 6.2386



9.4415, 17.0063, -0.3966

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.



16.7819, 17.4803, 1.7849



16.7816, -12.6066, 6.2386



16.7819, 8.5108, -16.5501

Square

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



16.7819, -12.6068, 6.2387



16.7819, -7.2509, -18.2834



16.7819, 15.2915, -7.0601



16.7819, 6.5718, 9.6144

Rectangle

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



16.7816, -12.6066, 6.2386



16.7819, -12.8467, -6.0666



16.7819, 15.2915, -7.0601



16.7819, 15.7565, 5.7805

Sweetspot

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



16.7819, -12.6068, 6.2387



23.6026, -7.7836, 3.3582



17.2406, -11.2076, 10.4272



12.3073, -4.1574, 1.7883



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.7819, -12.6068, 6.2387



21.6496, -16.4288, 8.4050



17.3446, -9.1951, -1.8292



10.5845, -1.3637, 0.8004



27.9692, -21.3913, 11.2186



72.0983, -56.0711, 30.9248

Inverse Universe

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



9.4415, 17.0063, -0.3966



12.1508, 21.8098, 0.0906



9.0127, 15.4337, 5.8235



10.1526, 0.2828, 0.3386



15.6684, 28.0451, 0.7262



40.2270, 71.5632, 5.2703

Previews

White Background



This preview shows how the HunterLab color 16.7816, -12.6066, 6.2386 looks on a white background.

Color Contrast Check

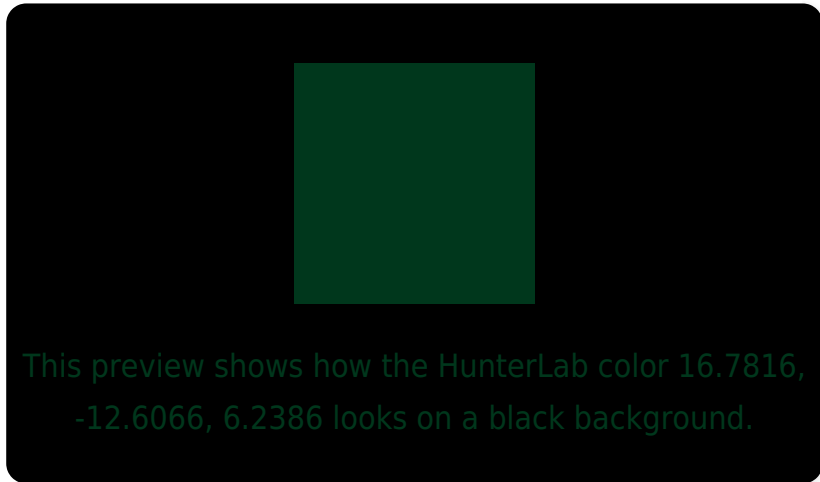
Large Text (above 18pt) WCAG AA ✓ Pass

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

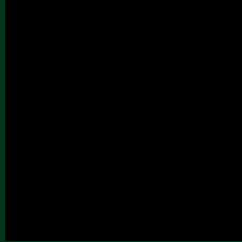
Any Text WCAG AA × Fail

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 16.7816, -12.6066, 6.2386 Background



This preview shows how black text looks on a background with the HunterLab color 16.7816, -12.6066, 6.2386.



This preview shows how white text looks on a background with the HunterLab color 16.7816,

-12.6066, 6.2386.

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

16.7816, -12.6066, 6.2386

Protanopia

16.8324, -1.7982, 7.1010

Deuteranopia

16.8534, 0.7986, 6.0778



Tritanopia

17.0321, -6.2147, -2.6377

Trichromacy



Original Color

16.7816, -12.6066, 6.2386

Protanomaly

16.3680, -7.3321, 6.4175

Deuteranomaly

16.3107, -6.1350, 5.7179

Tritanomaly

16.8197, -8.9287, 1.0965

Monochromacy



Original Color

16.7816, -12.6066, 6.2386

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.8953, -6.0810, 2.6250

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7816, -12.6066, 6.2386 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, 55, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 28)  
}
```

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, 55, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7816, -12.6066, 6.2386 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, 55, 28) }
```


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

```
.border{ border-color:rgb(0, 55, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 55, 28); box-shadow:4px  
4px 4px 4px rgb(0, 55, 28) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.7816, -12.6066, 6.2386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 28) }
```

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

```
.background{ background-color: rgb(0, 55,  
28) }
```

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](#).

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