

Converting Colors

HunterLab(16.8276, -12.3300,
5.5838)

Have a look what the booklet for
HunterLab(16.8276, -12.3300,
5.5838) contains.

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Color

**HunterLab(16.8265,
-12.3298, 5.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	00371F
RGB	0, 55, 31
RGB Percent	0%, 22%, 12%
CMY	1.0000, 0.7843, 0.8784
CMYK	1.00, 0.00, 0.44, 0.78
HSL	154°, 100%, 11%
HSV	154°, 100%, 22%
XYZ	1.6135, 2.8313, 1.7578
YIQ	35.8190, -25.0760, -19.1240

Conversions

Conversions Part 2

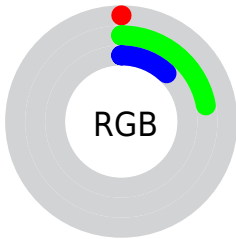
Format	Color
RYB	0, 35, 55
Decimal	14111
CIELab	19.36, -23.89, 10.41
CIELCh	19, 26.060, 156.455
Yxy	2.8314, 0.2601, 0.4565
Android (android.graphics.Color)	4278204191 (0xFF00371F)
YUV	35.8190, -2.3758, -31.4133
Hunter-Lab	16.8265, -12.3298, 5.5848

Details

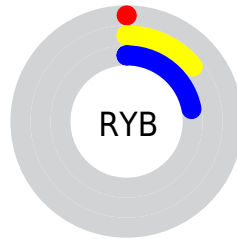
The HunterLab color **16.8265, -12.3298, 5.5848** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.3714, 16.7520, 0.6002**, and the grayscale version is **13.2380, -0.7063, 0.7192**.

A 20% lighter version of the original color is **33.1140, -17.0443, 8.1878**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.8268, -12.3301, 5.5850**, and if you desaturate by 10%, it is **16.9707, -11.6574, 5.1229**.

Distribution



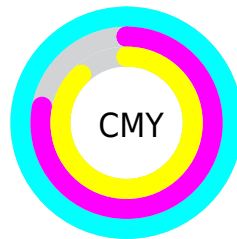
- Red (0%)
- Green (22%)
- Blue (12%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8265, -12.3298, 5.5848 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 16.8265, -12.3298, 5.5848 by changing the saturation by 10% instead.

■ 16.8265, -12.3298,
5.5848

■ 16.8265, -12.3298,
5.5848

■ 112.3387,
-30.1794, 16.0975

■ 10.2194, -10.8756,
4.8333

■ 32.9653, -16.9343,
8.0262

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.2901, -19.0084,
9.1911

0.0000, NaN, NaN

■ 52.3585, -20.9910,
10.3413

0.0000, NaN, NaN

■ 63.1193, -22.9068,
11.4857

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 74.5303, -24.7729,
12.6301


0.0000, NaN, NaN


■ 86.5566, -26.6015,


0.0000, NaN, NaN


13.7785


 99.1680, -28.4014,
14.9336


 16.8265, -12.3298,
5.5848


 16.8265, -12.3298,
5.5848


 16.8268, -12.3301,
5.5850

 16.9707, -11.6574,
5.1229

 17.1167, -10.9778,
4.6287

 17.2868, -10.2025,
4.1257

 17.4940, -9.2845,
3.6304

 17.7393, -8.2254,
3.1477

■ 18.0233, -7.0298,
2.6821

■ 18.3464, -5.7045,
2.2377

■ 18.7084, -4.2582,
1.8178

■ 19.1086, -2.7007,
1.4252

Harmonies

Analogous

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



16.8268, -8.7465, 8.7213



16.8265, -12.3298, 5.5848



16.8268, -13.1185, -0.7267

Triad

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



16.8268, -12.3299, 5.5849



16.8268, 0.7795, -19.6405



16.8268, 12.5752, 7.2692

Complementary

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



16.8265, -12.3298, 5.5848



9.3714, 16.7520, 0.6002

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.



16.8268, 16.2664, 2.4080



16.8265, -12.3298, 5.5848



16.8268, 8.7174, -14.5843

Square

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



16.8268, -12.3299, 5.5849



16.8268, -6.3586, -17.5150



16.8268, 14.7418, -5.6539



16.8268, 5.3604, 9.4430

Rectangle

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



16.8265, -12.3298, 5.5848



16.8268, -12.1055, -6.5475



16.8268, 14.7418, -5.6539



16.8268, 14.3227, 6.0154

Sweetspot

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



16.8268, -12.3299, 5.5849



23.6295, -7.6289, 2.9724



17.1348, -11.6404, 10.3545



12.3217, -4.0743, 1.5813



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.



16.8268, -12.3299, 5.5849



21.7080, -16.0678, 7.5527



16.5961, -8.2973, -2.8319



10.5878, -1.3453, 0.7530



28.0451, -20.9222, 10.1111



72.2945, -54.8557, 28.0559

Inverse Universe

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



9.3714, 16.7520, 0.6002



12.0604, 21.4809, 1.3814



9.3380, 14.3480, 6.0050



10.1492, 0.2643, 0.3875



15.5519, 27.6208, 2.3933



39.9319, 70.4855, 9.5177

Previews

White Background



This preview shows how the HunterLab color 16.8265, -12.3298, 5.5848 looks on a white background.

Color Contrast Check

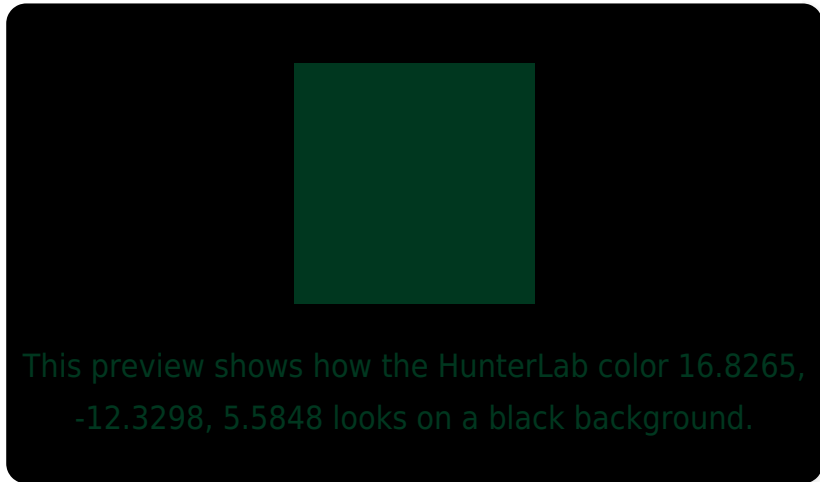
Large Text (above 18pt) WCAG AA ✓ Pass

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

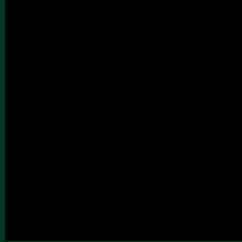
Any Text WCAG AA × Fail

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 16.8265, -12.3298, 5.5848 Background



This preview shows how black text looks on a background with the HunterLab color 16.8265, -12.3298, 5.5848.



This preview shows how white text looks on a background with the HunterLab color 16.8265,

-12.3298, 5.5848.

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

16.8265, -12.3298, 5.5848

Protanopia

17.1108, -1.9578, 6.7026

Deuteranopia

17.1279, 0.6537, 5.5849



Tritanopia

17.0007, -6.3340, -2.6832

Trichromacy



Original Color

16.8265, -12.3298, 5.5848

Protanomaly

16.6724, -7.4130, 6.0100

Deuteranomaly

16.3584, -5.8589, 5.0246

Tritanomaly

16.8434, -8.7876, 0.7584

Monochromacy



Original Color

16.8265, -12.3298, 5.5848

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

14.2317, -6.0170, 2.3594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8265, -12.3298, 5.5848 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, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 31)  
}
```

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, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8265, -12.3298, 5.5848 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, 31) }
```


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

```
.border{ border-color:rgb(0, 55, 31) }
```

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, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 55, 31); box-shadow:4px  
4px 4px 4px rgb(0, 55, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.8265, -12.3298, 5.5848 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, 31) }
```

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

```
.background{ background-color: rgb(0, 55,  
31) }
```

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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