

Converting Colors

HunterLab(20.7657, -19.0845,
7.4294)

Have a look what the booklet for
HunterLab(20.7657, -19.0845,
7.4294) contains.

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Color

**HunterLab(21.5408,
-16.2575, 8.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	004725
RGB	0, 71, 37
RGB Percent	0%, 28%, 15%
CMY	1.0000, 0.7216, 0.8549
CMYK	1.00, 0.00, 0.48, 0.72
HSL	151°, 100%, 14%
HSV	151°, 100%, 28%
XYZ	2.5872, 4.6401, 2.5095
YIQ	45.8950, -31.4020, -25.6260

Conversions

Conversions Part 2

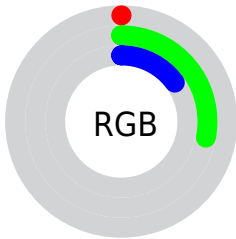
Format	Color
RYB	0, 47, 71
Decimal	18213
CIELab	25.68, -29.26, 14.95
CIELCh	26, 32.863, 152.937
Yxy	4.6402, 0.2657, 0.4765
Android (android.graphics.Color)	4278208293 (0xFF004725)
YUV	45.8950, -4.3852, -40.2499
Hunter-Lab	21.5408, -16.2575, 8.1712

Details

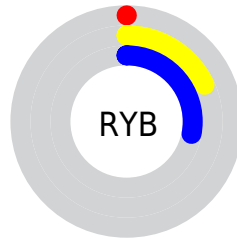
The HunterLab color **21.5408, -16.2575, 8.1712** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.0631, 21.6152, 0.3727**, and the grayscale version is **16.5163, -0.8813, 0.8974**.

A 20% lighter version of the original color is **38.6936, -21.3833, 11.2367**, and **9.1132, -7.8146, 5.4787** is the 20% darker color. If you saturate the color by 10%, you get **21.5412, -16.2579, 8.1715**, and if you desaturate by 10%, it is **21.6989, -15.4984, 7.5160**.

Distribution



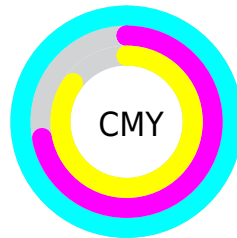
- Red (0%)
- Green (28%)
- Blue (15%)



- Red (0%)
- Yellow (18%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5408, -16.2575, 8.1712 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 21.5408, -16.2575, 8.1712 by changing the saturation by 10% instead.

■ 21.5408, -16.2575,
8.1712

■ 21.5408, -16.2575,
8.1712

■ 120.9522,
-36.5922, 21.0164

■ 14.2750, -13.2337,
6.4818

■ 38.7770, -21.4914,
11.2540

■ 7.9327, -13.8822,
5.5529

■ 48.5790, -23.8650,
12.7046

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0909, -26.1343,
14.1219

0.0000, NaN, NaN

■ 70.2676, -28.3248,
15.5176

0.0000, NaN, NaN

■ 82.0717, -30.4542,
16.8998


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.4715, -32.5356,


18.2744


0.0000, NaN, NaN


 107.4396,
-34.5791, 19.6455


 21.5408, -16.2575,
8.1712


 21.5408, -16.2575,
8.1712


 21.5412, -16.2579,
8.1715

 21.6989, -15.4984,
7.5160

 21.8678, -14.6909,
6.8100

 22.0823, -13.6971,
6.0892

 22.3490, -12.4975,
5.3654

 22.6698, -11.0935,
4.6466

■ 23.0459, -9.4913,
3.9403

■ 23.4777, -7.7007,
3.2533

■ 23.9650, -5.7350,
2.5918

■ 24.5070, -3.6089,
1.9606

Harmonies

Analogous

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



21.5412, -11.0057, 11.8246



21.5408, -16.2575, 8.1712



21.5412, -17.7423, 0.1720

Triad

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



21.5412, -16.2577, 8.1713



21.5412, -0.1134, -27.9032



21.5412, 18.3956, 9.1797

Complementary

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



21.5408, -16.2575, 8.1712



12.0631, 21.6152, 0.3727

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.



21.5412, 22.7578, 2.1273



21.5408, -16.2575, 8.1712



21.5412, 10.8733, -21.7679

Square

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



21.5412, -16.2577, 8.1713



21.5412, -9.5361, -23.6714



21.5412, 19.7739, -9.4375



21.5412, 8.7536, 12.1819

Rectangle

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



21.5408, -16.2575, 8.1712



21.5412, -16.6825, -7.6655



21.5412, 19.7739, -9.4375



21.5412, 20.6030, 7.3609

Sweetspot

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



21.5412, -16.2577, 8.1713



30.4586, -10.2970, 4.3330



22.0277, -14.8574, 13.3131



15.3387, -5.4289, 2.2728



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.5412, -16.2577, 8.1713



27.9853, -21.2920, 10.9843



21.9375, -11.4077, -2.7938



12.9161, -1.7333, 0.9849



30.4229, -23.1967, 12.0490



74.9835, -58.0405, 31.5699

Inverse Universe

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



12.0631, 21.6152, 0.3727



15.6416, 27.9473, 1.1096



11.6849, 19.4450, 7.5404



12.3463, 0.4215, 0.4056



16.9952, 30.3423, 1.3894



41.7373, 74.1054, 6.5904

Previews

White Background



This preview shows how the HunterLab color 21.5408, -16.2575, 8.1712 looks on a white background.

Color Contrast Check

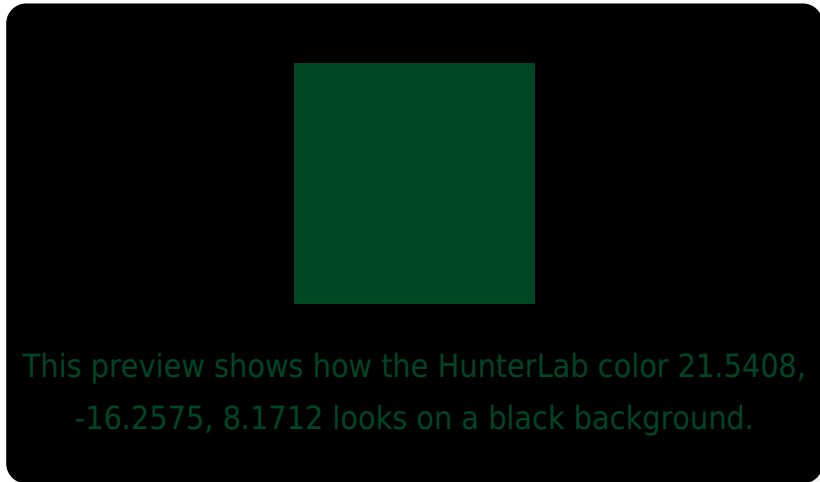
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5408, -16.2575, 8.1712 Background



This preview shows how black text looks on a background with the HunterLab color 21.5408, -16.2575, 8.1712.



This preview shows how white text looks on a background with the HunterLab color 21.5408,

-16.2575, 8.1712.

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

21.5408, -16.2575, 8.1712

Protanopia

21.5552, -2.3432, 9.0785

Deuteranopia

21.7646, 1.0409, 7.9608



Tritanopia

21.7145, -8.1701, -3.5026

Trichromacy



Original Color

21.5408, -16.2575, 8.1712

Protanomaly

21.0132, -9.6756, 8.2922

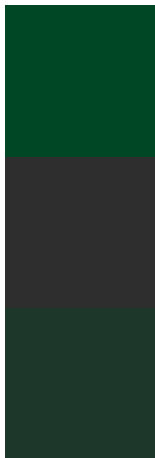
Deuteranomaly

20.7505, -7.7884, 7.1656

Tritanomaly

21.3756, -11.6231, 1.4914

Monochromacy



Original Color

21.5408, -16.2575, 8.1712

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.7989, -7.9925, 3.2144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5408, -16.2575, 8.1712 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, 71, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 37)  
}
```

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, 71, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5408, -16.2575, 8.1712 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, 71, 37) }
```


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

```
.border{ border-color:rgb(0, 71, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 37); box-shadow:4px  
4px 4px 4px rgb(0, 71, 37) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.5408, -16.2575, 8.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 37) }
```

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

```
.background{ background-color: rgb(0, 71,  
37) }
```

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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