

Converting Colors

HunterLab(12.8450, -13.7724,
8.9915)

Have a look what the booklet for
HunterLab(12.8450, -13.7724,
8.9915) contains.

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Color

**HunterLab(13.4215,
-11.5089, 8.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	002C00
RGB	0, 44, 0
RGB Percent	0%, 17%, 0%
CMY	1.0000, 0.8274, 1.0000
CMYK	1.00, 0.00, 1.00, 0.83
HSL	120°, 100%, 9%
HSV	120°, 100%, 17%
XYZ	0.9007, 1.8014, 0.3002
YIQ	25.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

Format	Color
RYB	0, 44, 44
Decimal	11264
CIELab	14.41, -25.26, 20.55
CIELCh	14, 32.564, 140.877
Yxy	1.8014, 0.3000, 0.6000
Android (android.graphics.Color)	4278201344 (0xFF002C00)
YUV	25.8280, -12.7332, -22.6512
Hunter-Lab	13.4215, -11.5089, 8.0688

Details

The HunterLab color **13.4215, -11.5089, 8.0688** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.4697, 16.6514, -11.1706**, and the grayscale version is **10.1516, -0.5417, 0.5516**.

A 20% lighter version of the original color is **28.4990, -16.4170, 11.6786**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.4218, -11.5091, 8.0689**, and if you desaturate by 10%, it is **13.5627, -10.8381, 7.6151**.

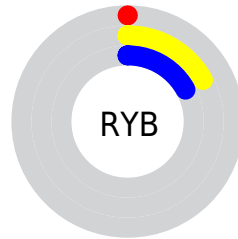
Distribution



Red (0%)

Green (17%)

Blue (0%)



Red (0%)

Yellow (17%)

Blue (17%)

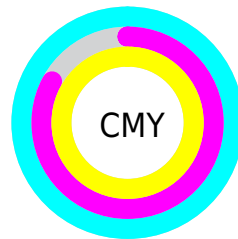


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (83%)



Cyan (100%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4215, -11.5089, 8.0688 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 13.4215, -11.5089, 8.0688 by changing the saturation by 10% instead.

■ 13.4215, -11.5089,
8.0688

■ 13.4215, -11.5089,
8.0688

■ 105.7548,
-30.5948, 24.0883

■ 6.9862, -12.2259,
4.8903

■ 28.6465, -16.5881,
11.8193

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.5805, -18.8231,
13.7579

0.0000, NaN, NaN

■ 47.2882, -20.9397,
15.6000

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7122, -22.9708,
17.3735

0.0000, NaN, NaN


■ 68.8063, -24.9385,
19.0975


0.0000, NaN, NaN


■ 80.5323, -26.8581,


0.0000, NaN, NaN


20.7853


 92.8577, -28.7407,
22.4465


 13.4215, -11.5089,
8.0688


 13.4215, -11.5089,
8.0688


 13.4218, -11.5091,
8.0689

 13.5627, -10.8381,
7.6151

 13.7022, -10.1820,
7.1714

 13.8496, -9.4973,
6.7085

 14.0307, -8.6673,
6.1473

 14.2476, -7.6887,
5.4858

■ 14.5009, -6.5674,
4.7278

■ 14.7904, -5.3117,
3.8791

■ 15.1157, -3.9320,
2.9467

■ 15.4761, -2.4396,
1.9383

Harmonies

Analogous

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



13.4218, -6.2455, 9.3952



13.4215, -11.5089, 8.0688



13.4218, -13.7633, 3.0467

Triad

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



13.4218, -11.5091, 8.0688



13.4218, -3.3033, -26.9850



13.4218, 19.1073, 5.3069

Complementary

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



13.4215, -11.5089, 8.0688



8.4697, 16.6514, -11.1706

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.



13.4218, 20.4876, -2.0897



13.4215, -11.5089, 8.0688



13.4218, 5.8827, -24.8030

Square

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



13.4218, -11.5091, 8.0688



13.4218, -9.8351, -18.7997



13.4218, 15.1510, -13.9712



13.4218, 11.7591, 9.3952

Rectangle

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



13.4215, -11.5089, 8.0688



13.4218, -13.7071, -2.6871



13.4218, 15.1510, -13.9712



13.4218, 20.3479, 3.4341

Sweetspot

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



13.4218, -11.5091, 8.0688



18.5012, -6.9384, 5.0522



15.2870, -4.1060, 9.3479



10.0226, -3.7587, 2.7369



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



13.4218, -11.5091, 8.0688



16.8465, -14.4459, 10.1278



13.6359, -10.1761, 4.9236



9.0519, -1.2565, 1.0178



26.0152, -22.3080, 15.6398



69.4222, -59.5295, 41.7354

Inverse Universe

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



8.4697, 16.6514, -11.1706



10.6308, 20.9004, -14.0210



7.7035, 13.9441, -0.8514



8.7577, 0.3322, -0.0679



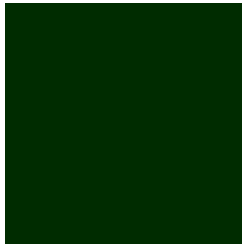
16.4166, 32.2755, -21.6519



43.8080, 86.1278, -57.7785

Previews

White Background



This preview shows how the HunterLab color 13.4215, -11.5089, 8.0688 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 13.4215, -11.5089, 8.0688 Background



This preview shows how black text looks on a background with the HunterLab color 13.4215, -11.5089, 8.0688.



This preview shows how white text looks on a background with the HunterLab color 13.4215,

-11.5089, 8.0688.

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

13.4215, -11.5089, 8.0688

Protanopia

13.7057, -2.5224, 8.4012

Deuteranopia

13.7405, 0.0905, 7.2293



Tritanopia

13.7707, -4.6940, -1.8562

Trichromacy



Original Color

13.4215, -11.5089, 8.0688

Protanomaly

13.2310, -6.8195, 8.0335

Deuteranomaly

13.1917, -5.5786, 7.2566

Tritanomaly

13.4570, -7.9564, 3.3125

Monochromacy



Original Color

13.4215, -11.5089, 8.0688

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

11.1685, -5.5411, 3.9697

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4215, -11.5089, 8.0688 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, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 0)  
}
```

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, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4215, -11.5089, 8.0688 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, 44, 0) }
```


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

```
.border{ border-color:rgb(0, 44, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 44, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 44, 0); box-shadow:4px  
4px 4px 4px rgb(0, 44, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.4215, -11.5089, 8.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 0) }
```

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

```
.background{ background-color: rgb(0, 44,  
0) }
```

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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