

Converting Colors

HunterLab(21.2324, -17.4906,
11.2184)

Have a look what the booklet for
HunterLab(21.2324, -17.4906,
11.2184) contains.

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Color

**HunterLab(21.3311,
-17.5605, 11.2461)**

Conversions

Conversions Part 1

Format	Color
Hex	004712
RGB	0, 71, 18
RGB Percent	0%, 28%, 7%
CMY	1.0000, 0.7216, 0.9294
CMYK	1.00, 0.00, 0.75, 0.72
HSL	135°, 100%, 14%
HSV	135°, 100%, 28%
XYZ	2.3624, 4.5502, 1.3260
YIQ	43.7290, -25.3030, -31.5350

Conversions

Conversions Part 2

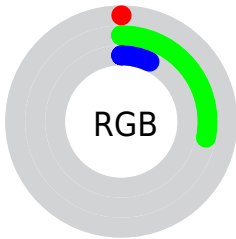
Format	Color
RYB	0, 57, 71
Decimal	18194
CIELab	25.41, -32.58, 25.39
CIELCh	25, 41.307, 142.078
Yxy	4.5503, 0.2868, 0.5523
Android (android.graphics.Color)	4278208274 (0xFF004712)
YUV	43.7290, -12.6844, -38.3503
Hunter-Lab	21.3311, -17.5605, 11.2461

Details

The HunterLab color **21.3311, -17.5605, 11.2461** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.6361, 23.6736, -7.6034**, and the grayscale version is **15.8281, -0.8445, 0.8600**.

A 20% lighter version of the original color is **38.4090, -23.1720, 16.0025**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **21.3315, -17.5608, 11.2462**, and if you desaturate by 10%, it is **21.4839, -16.8261, 10.6626**.

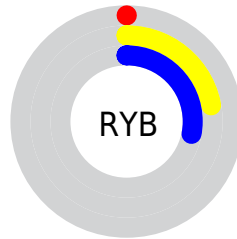
Distribution



Red (0%)

Green (28%)

Blue (7%)



Red (0%)

Yellow (22%)

Blue (28%)

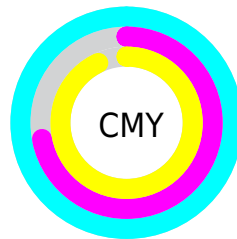


Cyan (100%)

Magenta (0%)

Yellow (75%)

Black (72%)



Cyan (100%)

Magenta (72%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3311, -17.5605, 11.2461 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 21.3311, -17.5605, 11.2461 by changing the saturation by 10% instead.

■ 21.3311, -17.5605,
11.2461

■ 21.3311, -17.5605,
11.2461

■ 120.5790,
-39.7531, 29.9067

■ 14.0923, -14.1943,
9.5152

■ 38.5218, -23.3434,
16.0382

■ 7.7413, -13.5473,
5.4189

■ 48.3038, -25.9479,
18.2142

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7971, -28.4283,
20.2951

0.0000, NaN, NaN

■ 69.9563, -30.8140,
22.3045

0.0000, NaN, NaN

■ 81.7439, -33.1259,
24.2594

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.1279, -35.3791,


26.1722


0.0000, NaN, NaN


 107.0809,
-37.5852, 28.0522


 21.3311, -17.5605,
11.2461


 21.3311, -17.5605,
11.2461


 21.3315, -17.5608,
11.2462

 21.4839, -16.8261,
10.6626

 21.6527, -16.0096,
9.9494

 21.8731, -14.9683,
9.1340

 22.1519, -13.6826,
8.2259

 22.4910, -12.1552,
7.2333

■ 22.8916, -10.3949,
6.1660

■ 23.3539, -8.4152,
5.0345

■ 23.8772, -6.2329,
3.8498

■ 24.4606, -3.8675,
2.6228

Harmonies

Analogous

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



21.3315, -9.7852, 13.8559



21.3311, -17.5605, 11.2461



21.3315, -20.7560, 4.1995

Triad

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



21.3315, -17.5608, 11.2462



21.3315, -4.4928, -38.6649



21.3315, 27.4918, 8.3326

Complementary

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



21.3311, -17.5605, 11.2461



12.6361, 23.6736, -7.6034

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.



21.3315, 29.8841, -2.4025



21.3311, -17.5605, 11.2461



21.3315, 9.1492, -34.9809

Square

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



21.3315, -17.5608, 11.2462



21.3315, -14.4884, -27.6049



21.3315, 22.5177, -19.3688



21.3315, 16.6017, 12.7496

Rectangle

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



21.3311, -17.5605, 11.2461



21.3315, -20.5673, -4.4695



21.3315, 22.5177, -19.3688



21.3315, 29.4072, 5.5811

Sweetspot

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



21.3315, -17.5608, 11.2462



30.2927, -11.2563, 6.7217



22.9573, -11.1362, 13.9512



15.2509, -5.9378, 3.5372



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.



21.3315, -17.5608, 11.2462



27.7176, -22.9568, 14.9126



21.8312, -14.4790, 3.9689



12.8951, -1.8504, 1.2860



30.1335, -24.9970, 16.2971



74.3045, -62.2709, 41.5507

Inverse Universe

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



12.6361, 23.6736, -7.6034



16.3977, 30.6660, -9.4387



11.7581, 20.5003, 4.7721



12.3688, 0.5428, 0.0852



17.8204, 33.3103, -10.1299



43.8210, 81.6169, -22.6298

Previews

White Background



This preview shows how the HunterLab color 21.3311, -17.5605, 11.2461 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 21.3311, -17.5605, 11.2461 Background



This preview shows how black text looks on a background with the HunterLab color 21.3311, -17.5605, 11.2461.



This preview shows how white text looks on a background with the HunterLab color 21.3311,

-17.5605, 11.2461.

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

21.3311, -17.5605, 11.2461

Protanopia

21.4498, -3.0944, 11.9139

Deuteranopia

21.5046, 0.9496, 11.0327



Tritanopia

21.5070, -7.5544, -3.7812

Trichromacy



Original Color

21.3311, -17.5605, 11.2461

Protanomaly

20.8125, -10.8629, 11.2379

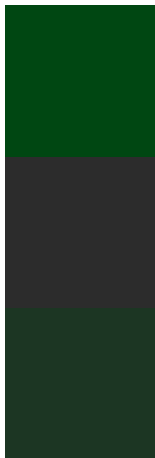
Deuteranomaly

20.5853, -8.8677, 10.4859

Tritanomaly

21.2386, -12.4884, 3.7990

Monochromacy



Original Color

21.3311, -17.5605, 11.2461

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

17.3394, -8.7109, 5.0948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3311, -17.5605, 11.2461 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, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 18)  
}
```

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, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3311, -17.5605, 11.2461 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, 18) }
```


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

```
.border{ border-color:rgb(0, 71, 18) }
```

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, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 18); box-shadow:4px  
4px 4px 4px rgb(0, 71, 18) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3311, -17.5605, 11.2461 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, 18) }
```

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

```
.background{ background-color: rgb(0, 71,  
18) }
```

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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