

Converting Colors

HunterLab(33.4808, -37.5490,
18.0645)

Have a look what the booklet for
HunterLab(33.4808, -37.5490,
18.0645) contains.

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Color

**HunterLab(35.4607,
-29.5635, 19.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	00741C
RGB	0, 116, 28
RGB Percent	0%, 45%, 11%
CMY	1.0000, 0.5451, 0.8902
CMYK	1.00, 0.00, 0.76, 0.55
HSL	134°, 100%, 23%
HSV	134°, 100%, 45%
XYZ	6.4550, 12.5746, 3.1855
YIQ	71.2840, -40.8880, -51.9600

Conversions

Conversions Part 2

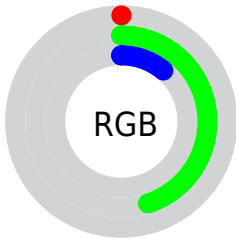
Format	Color
RYB	0, 93, 116
Decimal	29724
CIELab	42.12, -46.50, 38.57
CIELCh	42, 60.415, 140.325
Yxy	12.5751, 0.2906, 0.5660
Android (android.graphics.Color)	4278219804 (0xFF00741C)
YUV	71.2840, -21.3390, -62.5161
Hunter-Lab	35.4607, -29.5635, 19.4963

Details

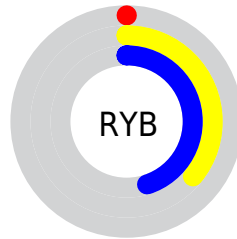
The HunterLab color $[35.4607, -29.5635, 19.4963]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[21.0184, 39.3466, -12.4032]$, and the grayscale version is $[25.2868, -1.3492, 1.3739]$.

A 20% lighter version of the original color is $[55.1928, -36.6153, 25.6258]$, and $[19.7394, -16.9265, 11.8670]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.4614, -29.5640, 19.4965]$, and if you desaturate by 10%, it is $[35.6356, -28.6885, 18.5710]$.

Distribution



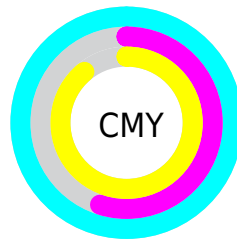
- Red (0%)
- Green (45%)
- Blue (11%)



- Red (0%)
- Yellow (36%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4607, -29.5635, 19.4963 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 35.4607, -29.5635, 19.4963 by changing the saturation by 10% instead.

■ 35.4607, -29.5635,
19.4963

■ 35.4607, -29.5635,
19.4963

144.2832,
-57.3931, 44.0053

■ 26.7145, -25.5884,
16.0584

■ 55.2615, -36.6782,
25.7186

■ 18.8353, -21.1845,
13.1847

■ 66.2056, -39.9469,
28.5916

■ 11.9328, -18.7923,
8.3530

■ 77.7898, -43.0773,
31.3481

■ 4.8399, -8.4699,
3.3880

■ 89.9804, -46.0961,
34.0100

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.7486,
-49.0232, 36.5947

0.0000, NaN, NaN


■ 116.0694,


0.0000, NaN, NaN


-51.8740, 39.1153


0.0000, NaN, NaN


 129.9209,
-54.6608, 41.5827


 35.4607, -29.5635,
19.4963


 35.4607, -29.5635,
19.4963


 35.4614, -29.5640,
19.4965

 35.6356, -28.6885,
18.5710

 35.8747, -27.5086,
17.4199

 36.2150, -25.8802,
16.0671

 36.6642, -23.7858,
14.5231

 37.2274, -21.2249,
12.8026

■ 37.9074, -18.2108,
10.9245

■ 38.7053, -14.7684,
8.9097

■ 39.6202, -10.9310,
6.7808

■ 40.6501, -6.7376,
4.5605

Harmonies

Analogous

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



35.4614, -15.7829, 22.9439



35.4607, -29.5635, 19.4963



35.4614, -35.4118, 8.2081

Triad

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



35.4614, -29.5639, 19.4964



35.4614, -8.9172, -67.9598



35.4614, 48.8542, 13.5116

Complementary

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



35.4607, -29.5635, 19.4963



21.0184, 39.3466, -12.4032

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.



35.4614, 52.0281, -5.7580



35.4607, -29.5635, 19.4963



35.4614, 14.5281, -62.9943

Square

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



35.4614, -29.5639, 19.4964



35.4614, -25.6258, -47.0208



35.4614, 38.2148, -35.9894



35.4614, 30.3961, 21.2992

Rectangle

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



35.4607, -29.5635, 19.4963



35.4614, -35.3620, -6.3226



35.4614, 38.2148, -35.9894



35.4614, 51.8968, 8.5790

Sweetspot

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



35.4614, -29.5639, 19.4964



51.2297, -19.9459, 12.0213



38.2255, -18.5206, 23.2301



24.8430, -10.5099, 6.3144



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



35.4614, -29.5639, 19.4964



46.9957, -39.3163, 26.1322



36.2605, -24.6252, 7.8364



20.2765, -3.1447, 2.1617



37.5619, -31.3402, 20.7055



82.8485, -69.6219, 46.7403

Inverse Universe

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



21.0184, 39.3466, -12.4032



27.8293, 52.0348, -15.9410



19.5237, 33.9397, 8.7016



19.3482, 1.1118, -0.0141



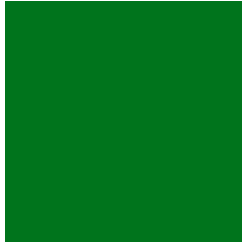
22.2588, 41.6577, -13.0488



48.9946, 91.4545, -26.8662

Previews

White Background



This preview shows how the HunterLab color 35.4607, -29.5635, 19.4963 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 × Fail

Black Background



This preview shows how the HunterLab color 35.4607, -29.5635, 19.4963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4607, -29.5635, 19.4963 Background



This preview shows how black text looks on a background with the HunterLab color 35.4607, -29.5635, 19.4963.



This preview shows how white text looks on a background with the HunterLab color 35.4607,

-29.5635, 19.4963.

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

35.4607, -29.5635, 19.4963

Protanopia

35.2624, -4.4635, 20.1974

Deuteranopia

35.2478, 2.3718, 18.8169



Tritanopia

35.5498, -13.0433, -6.3912

Trichromacy



Original Color

35.4607, -29.5635, 19.4963

Protanomaly

33.9307, -18.2106, 18.9821

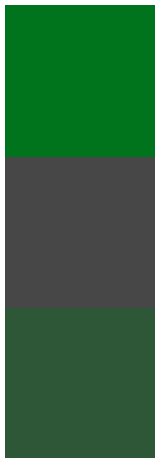
Deuteranomaly

33.5865, -14.8532, 17.7642

Tritanomaly

35.0942, -21.2880, 6.7325

Monochromacy



Original Color

35.4607, -29.5635, 19.4963

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.6588, -14.9733, 9.0332

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4607, -29.5635, 19.4963 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, 116, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 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, 116, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4607, -29.5635, 19.4963 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, 116, 28) }
```


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

```
.border{ border-color:rgb(0, 116, 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, 116, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 28);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.4607, -29.5635, 19.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 28) }
```

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

```
.background{ background-color: rgb(0, 116,  
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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