

Converting Colors

HunterLab(33.4683, -37.8057,
17.9358)

Have a look what the booklet for
HunterLab(33.4683, -37.8057,
17.9358) contains.

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Color

**HunterLab(35.4676,
-29.5206, 19.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	00741D
RGB	0, 116, 29
RGB Percent	0%, 45%, 11%
CMY	1.0000, 0.5451, 0.8863
CMYK	1.00, 0.00, 0.75, 0.55
HSL	135°, 100%, 23%
HSV	135°, 100%, 45%
XYZ	6.4672, 12.5795, 3.2496
YIQ	71.3980, -41.2090, -51.6490

Conversions

Conversions Part 2

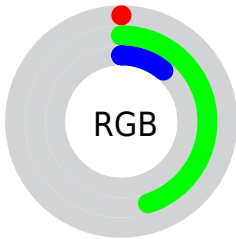
Format	Color
RYB	0, 93, 116
Decimal	29725
CIELab	42.12, -46.40, 38.17
CIELCh	42, 60.088, 140.559
Yxy	12.5800, 0.2901, 0.5642
Android (android.graphics.Color)	4278219805 (0xFF00741D)
YUV	71.3980, -20.9022, -62.6160
Hunter-Lab	35.4676, -29.5206, 19.3950

Details

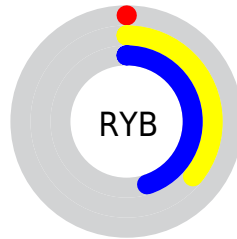
The HunterLab color $[35.4676, -29.5206, 19.3950]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[20.9792, 39.2073, -11.8685]$, and the grayscale version is $[25.3258, -1.3513, 1.3760]$.

A 20% lighter version of the original color is $[55.2059, -36.5356, 25.4337]$, and $[19.7394, -16.9265, 11.8670]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.4683, -29.5211, 19.3952]$, and if you desaturate by 10%, it is $[35.6436, -28.6388, 18.4534]$.

Distribution



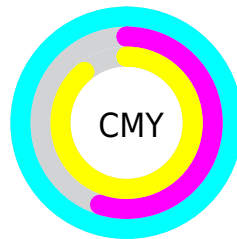
- Red (0%)
- Green (45%)
- Blue (11%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4676, -29.5206, 19.3950 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 35.4676, -29.5206, 19.3950 by changing the saturation by 10% instead.

■ 35.4676, -29.5206,
19.3950

■ 35.4676, -29.5206,
19.3950

144.2942,
-57.3005, 43.6930

■ 26.7208, -25.5538,
15.9895

■ 55.2695, -36.6213,
25.5592

■ 18.8409, -21.1593,
13.1886

■ 66.2141, -39.8839,
28.4062

■ 11.9376, -18.7548,
8.3563

■ 77.7987, -43.0086,
31.1384

■ 4.8486, -8.4850,
3.3940

■ 89.9898, -46.0221,
33.7776

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.7584,
-48.9441, 36.3406


0.0000, NaN, NaN


■ 116.0797,


0.0000, NaN, NaN


-51.7902, 38.8409


0.0000, NaN, NaN


 129.9315,
-54.5724, 41.2888


 35.4676, -29.5206,
19.3950


 35.4676, -29.5206,
19.3950


 35.4683, -29.5211,
19.3952

 35.6436, -28.6388,
18.4534

 35.8835, -27.4542,
17.2907

 36.2243, -25.8236,
15.9320

 36.6735, -23.7299,
14.3883

 37.2362, -21.1722,
12.6746

■ 37.9154, -18.1642,
10.8097

■ 38.7119, -14.7304,
8.8148

■ 39.6250, -10.9039,
6.7119

■ 40.6527, -6.7233,
4.5234

Harmonies

Analogous

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



35.4683, -15.8544, 22.8962



35.4676, -29.5206, 19.3950



35.4683, -35.2974, 8.0443

Triad

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



35.4683, -29.5210, 19.3951



35.4683, -8.7212, -67.4696



35.4683, 48.4314, 13.5626

Complementary

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



35.4676, -29.5206, 19.3950



20.9792, 39.2073, -11.8685

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.



35.4683, 51.7190, -5.5122



35.4676, -29.5206, 19.3950



35.4683, 14.6268, -62.3371

Square

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



35.4683, -29.5210, 19.3951



35.4683, -25.4227, -46.8805



35.4683, 38.1192, -35.4686



35.4683, 30.0162, 21.2833

Rectangle

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



35.4676, -29.5206, 19.3950



35.4683, -35.2118, -6.4763



35.4683, 38.1192, -35.4686



35.4683, 51.4950, 8.6791

Sweetspot

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



35.4683, -29.5210, 19.3951



51.2386, -19.8943, 11.8930



38.1020, -19.0047, 23.1456



24.8476, -10.4827, 6.2472



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.



35.4683, -29.5210, 19.3951



47.0043, -39.2621, 26.0043



36.3035, -24.3632, 7.2169



20.2777, -3.1381, 2.1448



37.5691, -31.2952, 20.5993



82.8626, -69.5334, 46.5316

Inverse Universe

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



20.9792, 39.2073, -11.8685



27.7765, 51.8468, -15.2196



19.4984, 33.8465, 9.0727



19.3469, 1.1048, 0.0045



22.2171, 41.5094, -12.4801



48.8992, 91.1153, -25.5629

Previews

White Background



This preview shows how the HunterLab color 35.4676, -29.5206, 19.3950 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 35.4676, -29.5206, 19.3950 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 35.4676, -29.5206, 19.3950 Background



This preview shows how black text looks on a background with the HunterLab color 35.4676, -29.5206, 19.3950.



This preview shows how white text looks on a background with the HunterLab color 35.4676,

-29.5206, 19.3950.

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

35.4676, -29.5206, 19.3950

Protanopia

35.2684, -4.4301, 20.1086

Deuteranopia

35.2568, 2.4202, 18.6838



Tritanopia

35.5498, -13.0433, -6.3912

Trichromacy



Original Color

35.4676, -29.5206, 19.3950

Protanomaly

33.9372, -18.1720, 18.8864

Deuteranomaly

33.5952, -14.8020, 17.6358

Tritanomaly

35.0942, -21.2880, 6.7325

Monochromacy



Original Color

35.4676, -29.5206, 19.3950

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.6763, -14.8689, 8.7787

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4676, -29.5206, 19.3950 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, 29)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 29)  
}
```

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, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4676, -29.5206, 19.3950 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, 29) }
```


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

```
.border{ border-color:rgb(0, 116, 29) }
```

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, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 29);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.4676, -29.5206, 19.3950 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, 29) }
```

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

```
.background{ background-color: rgb(0, 116,  
29) }
```

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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