

# Converting Colors

HunterLab(34.9509, -29.8848,  
20.8270)

Have a look what the booklet for  
HunterLab(34.9509, -29.8848,  
20.8270) contains.

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# Color

**HunterLab(35.0289,  
-29.9479, 20.8659)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007304
RGB	0, 115, 4
RGB Percent	0%, 45%, 2%
CMY	1.0000, 0.5490, 0.9843
CMYK	1.00, 0.00, 0.97, 0.55
HSL	122°, 100%, 23%
HSV	122°, 100%, 45%
XYZ	6.1527, 12.2702, 2.1590
YIQ	67.9610, -32.9090, -58.9010

# Conversions

## Conversions Part 2

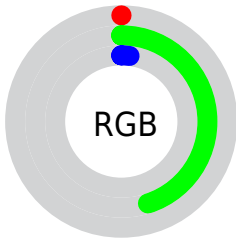
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 115
Decimal	29444
CIELab	41.64, -47.70, 45.25
CIELCh	42, 65.747, 136.509
Yxy	12.2707, 0.2989, 0.5962
Android (android.graphics.Color)	4278219524 (0xFF007304)
YUV	67.9610, -31.5328, -59.6018
Hunter-Lab	35.0289, -29.9479, 20.8659

# Details

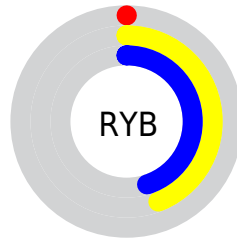
The HunterLab color **35.0289, -29.9479, 20.8659** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.8920, 42.7324, -26.4884**, and the grayscale version is **24.1456, -1.2883, 1.3119**.

A 20% lighter version of the original color is **54.7192, -37.1699, 27.9716**, and **19.4437, -16.6730, 11.6893** is the 20% darker color. If you saturate the color by 10%, you get **35.0296, -29.9484, 20.8660**, and if you desaturate by 10%, it is **35.1730, -29.2625, 20.3925**.

# Distribution



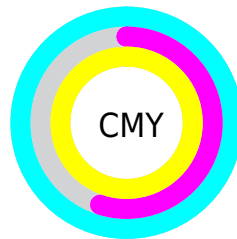
- Red (0%)
- Green (45%)
- Blue (2%)



- Red (0%)
- Yellow (44%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.0289, -29.9479, 20.8659 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 35.0289, -29.9479, 20.8659 by changing the saturation by 10% instead.



■ 35.0289, -29.9479,  
20.8659

■ 35.0289, -29.9479,  
20.8659

143.5930,  
-58.4450, 48.9836

■ 26.3218, -25.8554,  
16.9595

■ 54.7606, -37.2565,  
28.0772

■ 18.4860, -21.3127,  
12.9402

■ 65.6736, -40.6081,  
31.3952

■ 11.6331, -19.4261,  
8.1432

■ 77.2283, -43.8147,  
34.5678

■ 4.2652, -7.4640,  
2.9856

■ 89.3909, -46.9041,  
37.6206

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.1324,  
-49.8974, 40.5741

0.0000, NaN, NaN


■ 115.4276,


0.0000, NaN, NaN


-52.8106, 43.4441


0.0000, NaN, NaN


 129.2544,  
-55.6564, 46.2438


 35.0289, -29.9479,  
20.8659


 35.0289, -29.9479,  
20.8659


 35.0296, -29.9484,  
20.8660

 35.1730, -29.2625,  
20.3925

 35.3831, -28.2560,  
19.6503

 35.7017, -26.7494,  
18.5822

 36.1381, -24.7160,  
17.1753

 36.6983, -22.1503,  
15.4292

■ 37.3860, -19.0647,  
13.3546

■ 38.2022, -15.4863,  
10.9712

■ 39.1462, -11.4534,  
8.3053

■ 40.2155, -7.0113,  
5.3872

# Harmonies

## Analogous

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



35.0296, -14.2950, 23.4839



35.0289, -29.9479, 20.8659



35.0296, -36.9560, 10.8441

# Triad

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



35.0296, -29.9484, 20.8660



35.0296, -12.2119, -75.8294



35.0296, 55.8100, 12.4131

# Complementary

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



35.0289, -29.9479, 20.8659



21.8920, 42.7324, -26.4884

# 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.



35.0296, 56.8239, -10.2623



35.0289, -29.9479, 20.8659



35.0296, 12.5694, -74.1862

# Square

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



35.0296, -29.9484, 20.8660



35.0296, -28.7870, -48.7800



35.0296, 39.3482, -45.1792



35.0296, 36.8720, 21.3399



# Rectangle

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



35.0289, -29.9479, 20.8659



35.0296, -37.5021, -3.5721



35.0296, 39.3482, -45.1792



35.0296, 58.4081, 6.6225

# Sweetspot

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



35.0296, -29.9484, 20.8660



51.0276, -21.1236, 14.9469



39.5632, -11.9008, 24.1703



24.7379, -11.1260, 7.8380



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.



35.0296, -29.9484, 20.8660



46.8701, -40.1036, 27.9887



35.5000, -27.0166, 13.9493



20.2487, -3.3003, 2.5608



37.4524, -32.0264, 22.3235



82.6609, -70.7993, 49.5164



# Inverse Universe

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



21.8920, 42.7324, -26.4884



29.2875, 57.1577, -35.3532



19.7692, 35.1867, 2.4529



19.3800, 1.2821, -0.4649



23.4053, 45.6843, -28.3027

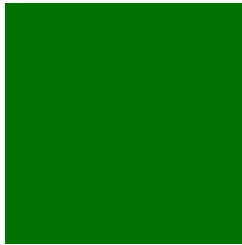


51.6410, 100.7569, -62.1342



# Previews

## White Background



This preview shows how the HunterLab color 35.0289, -29.9479, 20.8659 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



## 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 35.0289, -29.9479, 20.8659 Background



This preview shows how black text looks on a background with the HunterLab color 35.0289, -29.9479, 20.8659.



This preview shows how white text looks on a background with the HunterLab color 35.0289,

-29.9479, 20.8659.

# 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

35.0289, -29.9479, 20.8659

### Protanopia

34.8064, -4.8930, 21.3619

### Deuteranopia

34.7992, 1.9789, 19.9108



## Tritanopia

35.2203, -12.8349, -6.3369

# Trichromacy



## Original Color

35.0289, -29.9479, 20.8659

## Protanomaly

33.5297, -18.4605, 20.2869

## Deuteranomaly

33.1173, -15.3923, 19.1878

## Tritanomaly

34.5705, -22.2326, 9.4965

# Monochromacy



## Original Color

35.0289, -29.9479, 20.8659

## Achromatopsia

24.0428, -1.2829, 1.3063

## Achromatomaly

26.8329, -15.5694, 10.7761

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.0289, -29.9479, 20.8659 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, 115, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 4)  
}
```

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, 115, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 4) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.0289, -29.9479, 20.8659 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, 115, 4) }
```



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

```
.border{ border-color:rgb(0, 115, 4) }
```

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

Here you see how a box with a 4 pixel rgb(0, 115, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 115, 4); box-shadow:4px  
4px 4px 4px rgb(0, 115, 4) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.0289, -29.9479, 20.8659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 4) }
```

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

```
.background{ background-color: rgb(0, 115,  
4) }
```

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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