

# Converting Colors

HunterLab(34.1305, -29.0955,  
20.1486)

Have a look what the booklet for  
HunterLab(34.1305, -29.0955,  
20.1486) contains.

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# Color

**HunterLab(34.0642,  
-29.0493, 20.1318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007007
RGB	0, 112, 7
RGB Percent	0%, 44%, 3%
CMY	1.0000, 0.5608, 0.9725
CMYK	1.00, 0.00, 0.94, 0.56
HSL	124°, 100%, 22%
HSV	124°, 100%, 44%
XYZ	5.8325, 11.6037, 2.1333
YIQ	66.5420, -33.0470, -56.3990

# Conversions

## Conversions Part 2

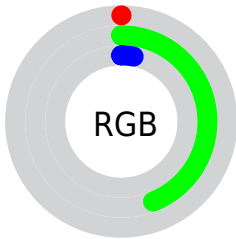
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 105, 112
Decimal	28679
CIELab	40.58, -46.66, 43.63
CIELCh	41, 63.882, 136.921
Yxy	11.6042, 0.2980, 0.5929
Android (android.graphics.Color)	4278218759 (0xFF007007)
YUV	66.5420, -29.3542, -58.3573
Hunter-Lab	34.0642, -29.0493, 20.1318

# Details

The HunterLab color **34.0642, -29.0493, 20.1318** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.1299, 41.0120, -23.7598**, and the grayscale version is **23.6395, -1.2613, 1.2844**.

A 20% lighter version of the original color is **53.6709, -36.2781, 27.2417**, and **18.5614, -15.9164, 11.1588** is the 20% darker color. If you saturate the color by 10%, you get **34.0649, -29.0498, 20.1319**, and if you desaturate by 10%, it is **34.2103, -28.3514, 19.6284**.

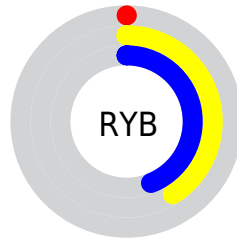
# Distribution



Red (0%)

Green (44%)

Blue (3%)



Red (0%)

Yellow (41%)

Blue (44%)

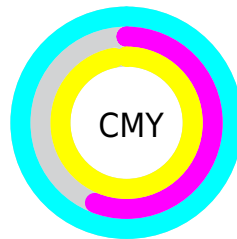


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (56%)



Cyan (100%)

Magenta (56%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0642, -29.0493, 20.1318 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 34.0642, -29.0493, 20.1318 by changing the saturation by 10% instead.



■ 34.0642, -29.0493,  
20.1318

■ 34.0642, -29.0493,  
20.1318

142.0447,  
-57.1332, 47.4988

■ 25.4456, -25.0045,  
16.3308

■ 53.6396, -36.2590,  
27.1543

■ 17.7084, -20.5038,  
12.3958

■ 64.4821, -39.5620,  
30.3823

■ 10.9684, -19.1948,  
7.6779

■ 75.9703, -42.7212,  
33.4683

■ 2.5339, -4.4344,  
1.7737

■ 88.0697, -45.7645,  
36.4380

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.7509,  
-48.7128, 39.3115


0.0000, NaN, NaN


■ 113.9884,


0.0000, NaN, NaN


-51.5824, 42.1047


0.0000, NaN, NaN


 127.7596,  
-54.3858, 44.8304


 34.0642, -29.0493,  
20.1318


 34.0642, -29.0493,  
20.1318


 34.0649, -29.0498,  
20.1319

 34.2103, -28.3514,  
19.6284

 34.4207, -27.3381,  
18.8384

 34.7353, -25.8472,  
17.7478

 35.1625, -23.8553,  
16.3489

 35.7080, -21.3587,  
14.6446

■ 36.3751, -18.3699,  
12.6470

■ 37.1648, -14.9152,  
10.3759

■ 38.0762, -11.0308,  
7.8563

■ 39.1070, -6.7596,  
5.1168

# Harmonies

## Analogous

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



34.0649, -14.0555, 22.7686



34.0642, -29.0493, 20.1318



34.0649, -35.7301, 10.2538

# Triad

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



34.0649, -29.0498, 20.1319



34.0649, -11.4999, -72.7779



34.0649, 53.4285, 12.1841

# Complementary

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



34.0642, -29.0493, 20.1318



21.1299, 41.0120, -23.7598

# 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.



34.0649, 54.6653, -9.4430



34.0642, -29.0493, 20.1318



34.0649, 12.4321, -70.7811

# Square

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



34.0649, -29.0498, 20.1319



34.0649, -27.6203, -47.2014



34.0649, 38.1041, -42.8196



34.0649, 35.0807, 20.7230



# Rectangle

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



34.0642, -29.0493, 20.1318



34.0649, -36.1971, -3.7730



34.0649, 38.1041, -42.8196



34.0649, 56.0053, 6.6600

# Sweetspot

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



34.0649, -29.0498, 20.1319



49.1701, -20.1498, 14.0012



38.3115, -12.1312, 23.3950



23.9264, -10.6336, 7.3586



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208



# Same Dimension

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



34.0649, -29.0498, 20.1319



45.1418, -38.5516, 26.7984



34.5431, -26.0713, 13.1046



19.4070, -3.1245, 2.3914



36.6242, -31.2451, 21.6722



81.7139, -69.9131, 48.7869



# Inverse Universe

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



21.1299, 41.0120, -23.7598



27.9938, 54.3161, -31.3364



19.1798, 34.0648, 2.9458



18.5743, 1.1863, -0.3741



22.7158, 44.0861, -25.5109

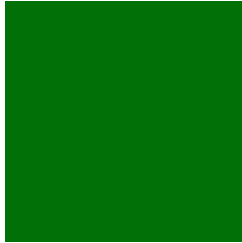


50.6529, 98.2327, -56.3238



# Previews

## White Background



This preview shows how the HunterLab color 34.0642, -29.0493, 20.1318 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 34.0642, -29.0493, 20.1318 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 34.0642, -29.0493, 20.1318 Background



This preview shows how black text looks on a background with the HunterLab color 34.0642, -29.0493, 20.1318.



This preview shows how white text looks on a background with the HunterLab color 34.0642, -29.0493, 20.1318.

-29.0493, 20.1318.

# 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

34.0642, -29.0493, 20.1318

### Protanopia

33.9910, -5.0420, 20.8568

### Deuteranopia

33.9786, 1.8031, 19.3642



## Tritanopia

34.2012, -12.3412, -6.2245

# Trichromacy



## Original Color

34.0642, -29.0493, 20.1318

## Protanomaly

32.8246, -18.1695, 19.7527

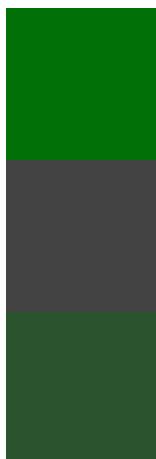
## Deuteranomaly

32.4096, -15.1260, 18.6590

## Tritanomaly

33.5944, -21.4416, 8.8914

# Monochromacy



## Original Color

34.0642, -29.0493, 20.1318

## Achromatopsia

23.6915, -1.2641, 1.2872

## Achromatomaly

26.2480, -14.9020, 10.3052

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 34.0642, -29.0493, 20.1318 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, 112, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 7)  
}
```

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, 112, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 7) }
```

## Border

The CSS property to change the border of an element to HunterLab 34.0642, -29.0493, 20.1318 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, 112, 7) }
```



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

```
.border{ border-color:rgb(0, 112, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 112, 7); box-shadow:4px  
4px 4px 4px rgb(0, 112, 7) }
```

# Background

The CSS property to change the background color of an element to HunterLab 34.0642, -29.0493, 20.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 7) }
```

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

```
.background{ background-color: rgb(0, 112,  
7) }
```

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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