

Converting Colors

HunterLab(34.0707, -29.0098,
20.0384)

Have a look what the booklet for
HunterLab(34.0707, -29.0098,
20.0384) contains.

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Color

**HunterLab(34.0706,
-29.0089, 20.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	007009
RGB	0, 112, 9
RGB Percent	0%, 44%, 4%
CMY	1.0000, 0.5608, 0.9647
CMYK	1.00, 0.00, 0.92, 0.56
HSL	125°, 100%, 22%
HSV	125°, 100%, 44%
XYZ	5.8435, 11.6081, 2.1910
YIQ	66.7700, -33.6890, -55.7770

Conversions

Conversions Part 2

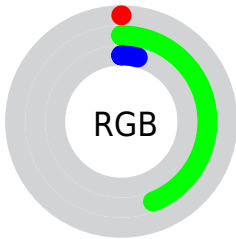
Format	Color
RYB	0, 104, 112
Decimal	28681
CIELab	40.59, -46.57, 43.16
CIELCh	41, 63.494, 137.173
Yxy	11.6085, 0.2975, 0.5910
Android (android.graphics.Color)	4278218761 (0xFF007009)
YUV	66.7700, -28.4806, -58.5573
Hunter-Lab	34.0706, -29.0089, 20.0366

Details

The HunterLab color **34.0706, -29.0089, 20.0366** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.0335, 40.6759, -22.4960**, and the grayscale version is **23.7167, -1.2655, 1.2886**.

A 20% lighter version of the original color is **53.6814, -36.2140, 27.0870**, and **18.5614, -15.9164, 11.1588** is the 20% darker color. If you saturate the color by 10%, you get **34.0713, -29.0094, 20.0367**, and if you desaturate by 10%, it is **34.2190, -28.2966, 19.4989**.

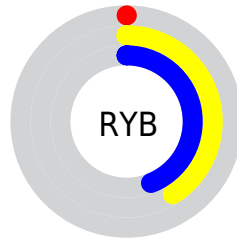
Distribution



Red (0%)

Green (44%)

Blue (4%)



Red (0%)

Yellow (41%)

Blue (44%)

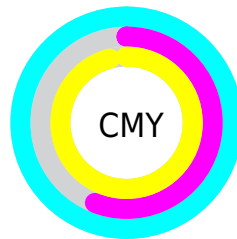


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (56%)



Cyan (100%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0706, -29.0089, 20.0366 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 34.0706, -29.0089, 20.0366 by changing the saturation by 10% instead.

■ 34.0706, -29.0089,
20.0366

■ 34.0706, -29.0089,
20.0366

142.0550,
-57.0441, 47.1501

■ 25.4514, -24.9722,
16.2567

■ 53.6471, -36.2048,
26.9902

■ 17.7135, -20.4809,
12.3995

■ 64.4900, -39.5019,
30.1870

■ 10.9728, -19.2025,
7.6810

■ 75.9786, -42.6554,
33.2437

■ 2.5493, -4.4614,
1.7845

■ 88.0785, -45.6935,
36.1859

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.7601,
-48.6370, 39.0334

0.0000, NaN, NaN


■ 113.9979,


0.0000, NaN, NaN


-51.5019, 41.8019


0.0000, NaN, NaN


 127.7696,
-54.3009, 44.5041


 34.0706, -29.0089,
20.0366


 34.0706, -29.0089,
20.0366


 34.0713, -29.0094,
20.0367

 34.2190, -28.2966,
19.4989

 34.4321, -27.2670,
18.6698

 34.7487, -25.7643,
17.5502

 35.1770, -23.7662,
16.1348

 35.7228, -21.2695,
14.4282

■ 36.3891, -18.2870,
12.4436

■ 37.1768, -14.8448,
10.2010

■ 38.0852, -10.9788,
7.7253

■ 39.1120, -6.7313,
5.0444

Harmonies

Analogous

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



34.0713, -14.1503, 22.7167



34.0706, -29.0089, 20.0366



34.0713, -35.6092, 10.0773

Triad

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



34.0713, -29.0094, 20.0367



34.0713, -11.2740, -72.2071



34.0713, 52.9273, 12.2536

Complementary

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



34.0706, -29.0089, 20.0366



21.0335, 40.6759, -22.4960

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.



34.0713, 54.3144, -9.1231



34.0706, -29.0089, 20.0366



34.0713, 12.5597, -69.9729

Square

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



34.0713, -29.0094, 20.0367



34.0713, -27.3974, -47.0647



34.0713, 38.0118, -42.1572



34.0713, 34.6189, 20.7088

Rectangle

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



34.0706, -29.0089, 20.0366



34.0713, -36.0372, -3.9550



34.0713, 38.0118, -42.1572



34.0713, 55.5344, 6.7927

Sweetspot

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



34.0713, -29.0094, 20.0367



49.1863, -20.0550, 13.7657



38.1628, -12.6885, 23.2936



23.9349, -10.5841, 7.2363



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.



34.0713, -29.0094, 20.0367



45.1483, -38.5108, 26.7023



34.5730, -25.8863, 12.6678



19.4092, -3.1118, 2.3589



36.6306, -31.2049, 21.5774



81.7226, -69.8583, 48.6578

Inverse Universe

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



21.0335, 40.6759, -22.4960



27.8630, 53.8598, -29.6202



19.1382, 33.9130, 3.5435



18.5717, 1.1722, -0.3368



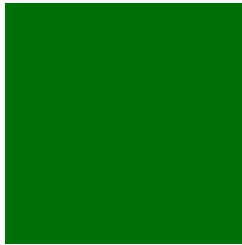
22.6115, 43.7222, -24.1428



50.4078, 97.3777, -53.1070

Previews

White Background



This preview shows how the HunterLab color 34.0706, -29.0089, 20.0366 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 34.0706, -29.0089, 20.0366 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 34.0706, -29.0089, 20.0366 Background



This preview shows how black text looks on a background with the HunterLab color 34.0706, -29.0089, 20.0366.



This preview shows how white text looks on a background with the HunterLab color 34.0706,

-29.0089, 20.0366.

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

34.0706, -29.0089, 20.0366

Protanopia

33.9910, -5.0420, 20.8568

Deuteranopia

33.9850, 1.8379, 19.2686



Tritanopia

34.2012, -12.3412, -6.2245

Trichromacy



Original Color

34.0706, -29.0089, 20.0366

Protanomaly

32.8246, -18.1695, 19.7527

Deuteranomaly

32.4202, -15.0639, 18.5031

Tritanomaly

33.6146, -21.3190, 8.5989

Monochromacy



Original Color

34.0706, -29.0089, 20.0366

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

26.2628, -14.8131, 10.0884

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0706, -29.0089, 20.0366 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, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 9)  
}
```

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, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0706, -29.0089, 20.0366 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, 9) }
```


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

```
.border{ border-color:rgb(0, 112, 9) }
```

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, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 112, 9); box-shadow:4px  
4px 4px 4px rgb(0, 112, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0706, -29.0089, 20.0366 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, 9) }
```

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

```
.background{ background-color: rgb(0, 112,  
9) }
```

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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