

Converting Colors

HunterLab(34.9614, -29.7909,
20.6113)

Have a look what the booklet for
HunterLab(34.9614, -29.7909,
20.6113) contains.

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Color

**HunterLab(35.0414,
-29.8694, 20.6807)**

Conversions

Conversions Part 1

Format	Color
Hex	007308
RGB	0, 115, 8
RGB Percent	0%, 45%, 3%
CMY	1.0000, 0.5490, 0.9686
CMYK	1.00, 0.00, 0.93, 0.55
HSL	124°, 100%, 23%
HSV	124°, 100%, 45%
XYZ	6.1746, 12.2790, 2.2744
YIQ	68.4170, -34.1930, -57.6570

Conversions

Conversions Part 2

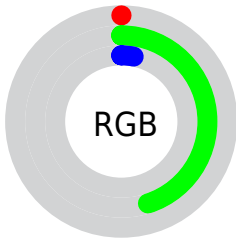
Format	Color
RYB	0, 108, 115
Decimal	29448
CIELab	41.66, -47.52, 44.33
CIELCh	42, 64.984, 136.992
Yxy	12.2795, 0.2979, 0.5924
Android (android.graphics.Color)	4278219528 (0xFF007308)
YUV	68.4170, -29.7856, -60.0017
Hunter-Lab	35.0414, -29.8694, 20.6807

Details

The HunterLab color $[35.0414, -29.8694, 20.6807]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[21.6943, 42.0446, -23.9076]$, and the grayscale version is $[24.3005, -1.2966, 1.3203]$.

A 20% lighter version of the original color is $[54.7400, -37.0429, 27.6653]$, and $[19.4437, -16.6730, 11.6893]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.0421, -29.8699, 20.6808]$, and if you desaturate by 10%, it is $[35.1889, -29.1627, 20.1566]$.

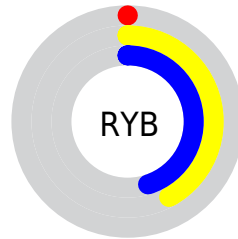
Distribution



Red (0%)

Green (45%)

Blue (3%)



Red (0%)

Yellow (42%)

Blue (45%)

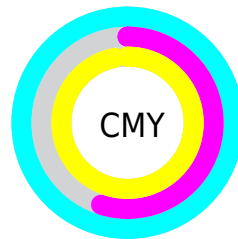


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.0414, -29.8694, 20.6807 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 35.0414, -29.8694, 20.6807 by changing the saturation by 10% instead.

■ 35.0414, -29.8694,
20.6807

■ 35.0414, -29.8694,
20.6807

143.6130,
-58.2730, 48.3017

■ 26.3331, -25.7924,
16.8189

■ 54.7751, -37.1516,
27.7576

■ 18.4961, -21.2675,
12.9473

■ 65.6890, -40.4917,
31.0145

■ 11.6418, -19.3529,
8.1492

■ 77.2445, -43.6876,
34.1297

■ 4.2829, -7.4951,
2.9980

■ 89.4079, -46.7670,
37.1285

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.1502,
-49.7509, 40.0309


0.0000, NaN, NaN


■ 115.4462,


0.0000, NaN, NaN


-52.6551, 42.8525


0.0000, NaN, NaN


 129.2737,
-55.4925, 45.6060


 35.0414, -29.8694,
20.6807


 35.0414, -29.8694,
20.6807


 35.0421, -29.8699,
20.6808

 35.1889, -29.1627,
20.1566

 35.4046, -28.1222,
19.3328

 35.7275, -26.5903,
18.2025

 36.1665, -24.5426,
16.7583

 36.7274, -21.9752,
15.0038

■ 37.4136, -18.9008,
12.9520

■ 38.2262, -15.3466,
10.6233

■ 39.1643, -11.3499,
8.0436

■ 40.2255, -6.9549,
5.2423

Harmonies

Analogous

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



35.0421, -14.4857, 23.3850



35.0414, -29.8694, 20.6807



35.0421, -36.7181, 10.4962

Triad

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



35.0421, -29.8699, 20.6808



35.0421, -11.7634, -74.6956



35.0421, 54.8124, 12.5532

Complementary

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



35.0414, -29.8694, 20.6807



21.6943, 42.0446, -23.9076

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.



35.0421, 56.1285, -9.6200



35.0414, -29.8694, 20.6807



35.0421, 12.8253, -72.5722

Square

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



35.0421, -29.8699, 20.6808



35.0421, -28.3464, -48.5134



35.0421, 39.1685, -43.8524



35.0421, 35.9506, 21.3123

Rectangle

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



35.0414, -29.8694, 20.6807



35.0421, -37.1871, -3.9340



35.0421, 39.1685, -43.8524



35.0421, 57.4719, 6.8895

Sweetspot

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



35.0421, -29.8699, 20.6808



51.0602, -20.9332, 14.4738



39.2538, -13.0585, 23.9594



24.7547, -11.0270, 7.5932



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.



35.0421, -29.8699, 20.6808



46.8824, -40.0268, 27.8074



35.5606, -26.6422, 13.0651



20.2533, -3.2743, 2.4942



37.4649, -31.9482, 22.1391



82.6746, -70.7132, 49.3135

Inverse Universe

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



21.6943, 42.0446, -23.9076



29.0164, 56.2141, -31.8128



19.6821, 34.8689, 3.7046



19.3746, 1.2531, -0.3883



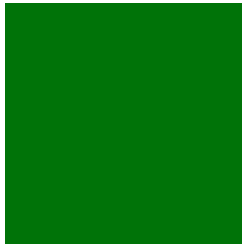
23.1926, 44.9441, -25.5258



51.1470, 99.0372, -55.6802

Previews

White Background



This preview shows how the HunterLab color 35.0414, -29.8694, 20.6807 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 35.0414, -29.8694, 20.6807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

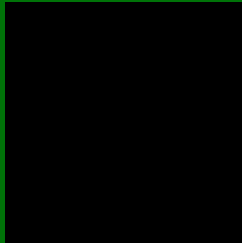
Any Text WCAG AA × Fail

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 35.0414, -29.8694, 20.6807 Background



This preview shows how black text looks on a background with the HunterLab color 35.0414, -29.8694, 20.6807.



This preview shows how white text looks on a background with the HunterLab color 35.0414,

-29.8694, 20.6807.

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

35.0414, -29.8694, 20.6807

Protanopia

34.8064, -4.8930, 21.3619

Deuteranopia

34.8055, 2.0128, 19.8175



Tritanopia

35.2203, -12.8349, -6.3369

Trichromacy



Original Color

35.0414, -29.8694, 20.6807

Protanomaly

33.5362, -18.4215, 20.1901

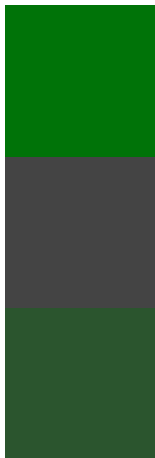
Deuteranomaly

33.1271, -15.3341, 19.0417

Tritanomaly

34.6107, -21.9887, 8.9143

Monochromacy



Original Color

35.0414, -29.8694, 20.6807

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

26.8474, -15.4822, 10.5640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.0414, -29.8694, 20.6807 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, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 8)  
}
```

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, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 35.0414, -29.8694, 20.6807 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, 8) }
```


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

```
.border{ border-color:rgb(0, 115, 8) }
```

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, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 115, 8); box-shadow:4px  
4px 4px 4px rgb(0, 115, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.0414, -29.8694, 20.6807 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, 8) }
```

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

```
.background{ background-color: rgb(0, 115,  
8) }
```

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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