

Converting Colors

HunterLab(29.0390, -12.5175,
20.1570)

Have a look what the booklet for
HunterLab(29.0390, -12.5175,
20.1570) contains.

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Color

**HunterLab(29.1821,
-11.4919, 17.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5800
RGB	76, 88, 0
RGB Percent	30%, 35%, 0%
CMY	0.7020, 0.6549, 1.0000
CMYK	0.14, 0.00, 1.00, 0.65
HSL	68°, 100%, 17%
HSV	68°, 100%, 35%
XYZ	6.4702, 8.5159, 1.3027
YIQ	74.3800, 21.0960, -29.9120

Conversions

Conversions Part 2

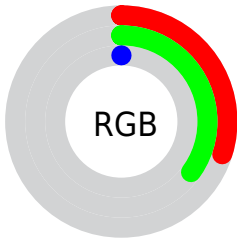
Format	Color
RYB	0, 88, 12
Decimal	5003264
CIELab	35.04, -15.82, 42.25
CIELCh	35, 45.114, 110.533
Yxy	8.5163, 0.3972, 0.5228
Android (android.graphics.Color)	4283193344 (0xFF4C5800)
YUV	74.3800, -36.6693, 1.4207
Hunter-Lab	29.1821, -11.4919, 17.7807

Details

The HunterLab color $[29.1821, -11.4919, 17.7807]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[8.8482, 23.1137, -56.0117]$, and the grayscale version is $[26.4260, -1.4100, 1.4358]$.

A 20% lighter version of the original color is $[48.0021, -14.5398, 24.8597]$, and $[14.0027, -7.7307, 8.4931]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.1827, -11.4930, 17.7810]$, and if you desaturate by 10%, it is $[29.3006, -10.9780, 17.3511]$.

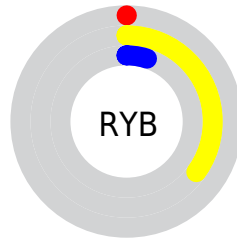
Distribution



Red (30%)

Green (35%)

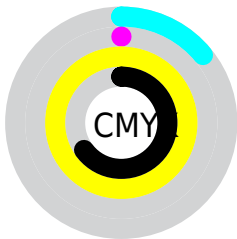
Blue (0%)



Red (0%)

Yellow (35%)

Blue (5%)

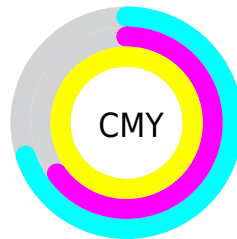


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (70%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1821, -11.4919, 17.7807 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 29.1821, -11.4919, 17.7807 by changing the saturation by 10% instead.

■ 29.1821, -11.4919,
17.7807

■ 29.1821, -11.4919,
17.7807

■ 134.0625,
-24.4632, 45.0236

■ 21.0406, -9.8728,
14.5476

■ 47.9214, -14.5244,
24.8494

■ 13.8391, -8.1243,
9.6874

■ 58.3887, -15.9810,
28.0745

■ 7.4666, -9.6334,
5.2266

■ 69.5235, -17.4152,
31.1465

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.2880, -18.8350,
34.0942

0.0000, NaN, NaN

■ 93.6501, -20.2459,
36.9400

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.5821,


-21.6523, 39.7014


0.0000, NaN, NaN


 120.0600,
-23.0572, 42.3922


 29.1821, -11.4919,
17.7807


 29.1821, -11.4919,
17.7807


 29.1827, -11.4930,
17.7810

 29.3006, -10.9780,
17.3511

 29.4260, -10.4241,
16.8305

 29.5709, -9.7629,
16.0432

 29.7371, -8.9854,
14.9643

 29.9260, -8.0858,
13.5767

■ 30.1385, -7.0600,
11.8677

■ 30.3756, -5.9056,
9.8287

■ 30.6379, -4.6215,
7.4545

■ 30.9259, -3.2079,
4.7433

Harmonies

Analogous

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



29.1828, 3.6223, 18.1528



29.1821, -11.4919, 17.7807



29.1828, -21.5479, 14.6567

Triad

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



29.1828, -11.4928, 17.7809



29.1828, -18.5064, -30.8034



29.1828, 34.9753, -3.5907

Complementary

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



29.1821, -11.4919, 17.7807



8.8482, 23.1137, -56.0117

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.



29.1828, 25.8765, -23.4844



29.1821, -11.4919, 17.7807



29.1828, -6.4017, -43.8846

Square

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



29.1828, -11.4928, 17.7809



29.1828, -24.9568, -10.5124



29.1828, 9.9125, -40.6611



29.1828, 32.7962, 10.0339

Rectangle

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



29.1821, -11.4919, 17.7807



29.1828, -25.0832, 9.6893



29.1828, 9.9125, -40.6611



29.1828, 33.0721, -9.8123

Sweetspot

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



29.1828, -11.4928, 17.7809



40.1336, -7.9690, 13.2854



15.2691, 21.8296, 9.7905



20.1573, -4.2240, 7.0680



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.1828, -11.4928, 17.7809



38.5522, -15.3380, 23.4872



27.0023, -20.1904, 16.2850



15.5187, -1.5158, 2.1976



35.8287, -14.2198, 21.8286



84.7517, -34.3429, 51.6224

Inverse Universe

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



8.8482, 23.1137, -56.0117



11.5723, 30.4642, -75.0507



12.4011, 26.9173, -36.0307



14.3954, -0.0410, -0.6828



10.7793, 28.3271, -69.5230



25.0641, 66.7615, -168.5951

Previews

White Background



This preview shows how the HunterLab color 29.1821, -11.4919, 17.7807 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 29.1821, -11.4919, 17.7807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

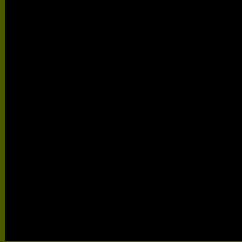
Any Text WCAG AA × Fail

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 29.1821, -11.4919, 17.7807 Background



This preview shows how black text looks on a background with the HunterLab color 29.1821, -11.4919, 17.7807.



This preview shows how white text looks on a background with the HunterLab color 29.1821,

-11.4919, 17.7807.

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

29.1821, -11.4919, 17.7807

Protanopia

29.1782, -4.5226, 17.9003

Deuteranopia

29.0281, 1.5891, 16.9917



Tritanopia

29.2885, -0.3897, -0.6492

Trichromacy



Original Color

29.1821, -11.4919, 17.7807

Protanomaly

29.1946, -7.1972, 17.8636

Deuteranomaly

29.0451, -3.5804, 17.2486

Tritanomaly

28.8646, -6.0349, 9.9955

Monochromacy



Original Color

29.1821, -11.4919, 17.7807

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.0057, -6.2087, 10.6277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1821, -11.4919, 17.7807 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(76, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(76, 88, 0)  
}
```

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(76, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 88, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1821, -11.4919, 17.7807 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(76, 88, 0) }
```


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

```
.border{ border-color:rgb(76, 88, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 88, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 88, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 88, 0); box-shadow:4px  
4px 4px 4px rgb(76, 88, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.1821, -11.4919, 17.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 88, 0) }
```

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

```
.background{ background-color: rgb(76, 88,  
0) }
```

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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