

Converting Colors

HunterLab(28.4491, -3.0075,
16.6840)

Have a look what the booklet for
HunterLab(28.4491, -3.0075,
16.6840) contains.

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Color

**HunterLab(28.4491, -3.0075,
16.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	5D500D
RGB	93, 80, 13
RGB Percent	36%, 31%, 5%
CMY	0.6353, 0.6863, 0.9490
CMYK	0.00, 0.14, 0.86, 0.64
HSL	50°, 75%, 21%
HSV	50°, 86%, 36%
XYZ	7.4555, 8.0935, 1.5500
YIQ	76.2490, 29.2550, -18.0810

Conversions

Conversions Part 2

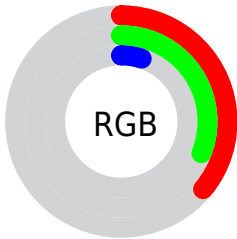
Format	Color
RYB	29, 93, 13
Decimal	6115341
CIELab	34.18, -2.25, 38.04
CIELCh	34, 38.106, 93.381
Yxy	8.0939, 0.4360, 0.4733
Android (android.graphics.Color)	4284305421 (0xFF5D500D)
YUV	76.2490, -31.1818, 14.6906
Hunter-Lab	28.4491, -3.0075, 16.6840

Details

The HunterLab color **28.4491, -3.0075, 16.6840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.7070, 13.0383, -40.2614**, and the grayscale version is **27.0741, -1.4446, 1.4710**.

A 20% lighter version of the original color is **47.0737, -4.3645, 23.1900**, and **13.3242, -1.5191, 8.1837** is the 20% darker color. If you saturate the color by 10%, you get **28.0253, -2.5876, 16.9988**, and if you desaturate by 10%, it is **28.8924, -3.3447, 16.1556**.

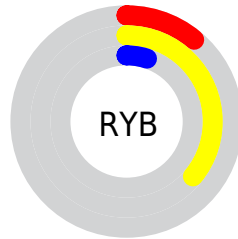
Distribution



Red (36%)

Green (31%)

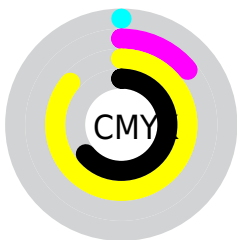
Blue (5%)



Red (11%)

Yellow (36%)

Blue (5%)

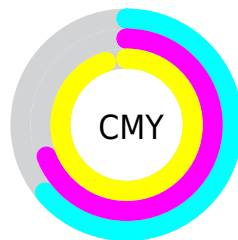


Cyan (0%)

Magenta (14%)

Yellow (86%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4491, -3.0075, 16.6840 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 28.4491, -3.0075, 16.6840 by changing the saturation by 10% instead.

■ 28.4491, -3.0075,
16.6840

■ 28.4491, -3.0075,
16.6840

■ 132.8408, -9.6008,
41.6850

■ 20.3840, -2.4178,
13.5274

■ 47.0556, -4.2796,
23.1488

■ 13.2691, -1.8556,
9.2884

■ 57.4637, -4.9589,
26.0982

■ 6.8007, -1.8033,
4.7605

■ 68.5428, -5.6665,
28.9110

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.2545, -6.4015,
31.6144

0.0000, NaN, NaN

■ 92.5664, -7.1632,
34.2291

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.4505, -7.9508,

36.7712

0.0000, NaN, NaN

■ 118.8825, -8.7636,
39.2531

■ 28.4491, -3.0075,
16.6840

■ 28.4491, -3.0075,
16.6840

■ 28.0253, -2.5876,
16.9988

■ 28.8924, -3.3447,
16.1556

■ 27.8573, -2.4183,
17.1232

■ 29.3590, -3.5622,
15.3257

■ 29.8507, -3.6547,
14.1808

■ 30.3680, -3.6183,
12.7129

■ 30.9114, -3.4509,
10.9190

■ 31.4809, -3.1519,
8.7999

■ 32.0766, -2.7220,
6.3595

■ 32.6983, -2.1630,
3.6042

■ 33.3456, -1.4774,
0.5423

Harmonies

Analogous

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



28.4498, 10.8373, 15.8231



28.4491, -3.0075, 16.6840



28.4498, -14.2398, 15.2742

Triad

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



28.4498, -3.0087, 16.6842



28.4498, -19.8425, -15.3019



28.4498, 25.0697, -11.6123

Complementary

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



28.4491, -3.0075, 16.6840



12.7070, 13.0383, -40.2614

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.



28.4498, 13.9222, -27.0841



28.4491, -3.0075, 16.6840



28.4498, -12.0717, -29.8133

Square

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



28.4498, -3.0087, 16.6842



28.4498, -22.7707, 0.0797



28.4498, 0.0009, -34.8920



28.4498, 28.6901, 2.9431

Rectangle

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



28.4491, -3.0075, 16.6840



28.4498, -19.2371, 12.5545



28.4498, 0.0009, -34.8920



28.4498, 21.9893, -17.0640

Sweetspot

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



28.4498, -3.0087, 16.6842



41.1235, -4.1593, 11.7395



16.4047, 24.0467, 6.9259



20.5067, -2.1325, 6.2035



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.4498, -3.0087, 16.6842



36.2897, -2.9155, 22.3105



30.0459, -15.4122, 17.4928



16.2153, -1.1628, 2.1968



33.0430, -2.7251, 20.3132



76.6178, -5.2196, 47.1202

Inverse Universe

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



12.7070, 13.0383, -40.2614



13.5436, 24.0353, -68.8136



12.3399, 21.5402, -41.7762



15.2780, -0.4723, -0.5848



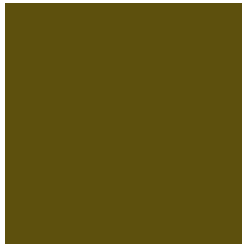
12.4290, 21.4597, -61.8605



27.4655, 56.0386, -155.3006

Previews

White Background



This preview shows how the HunterLab color 28.4491, -3.0075, 16.6840 looks on a white background.

Color Contrast Check

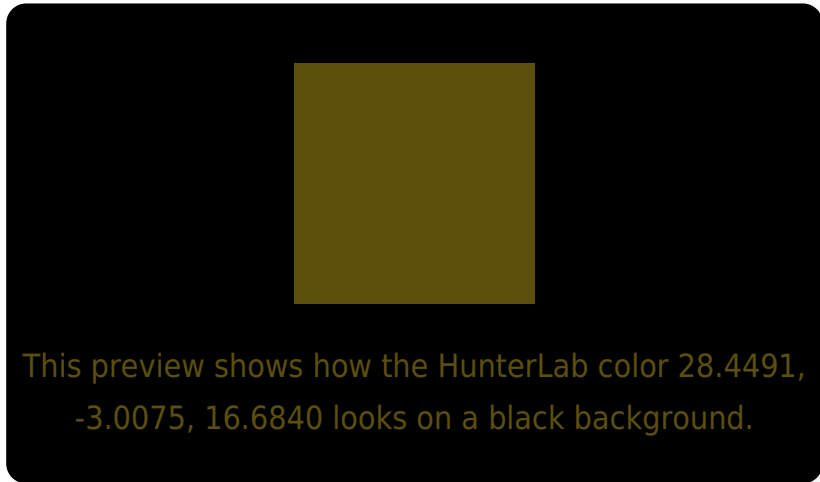
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

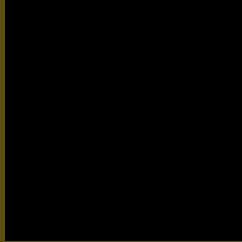
Any Text WCAG AA × Fail

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 28.4491, -3.0075, 16.6840 Background



This preview shows how black text looks on a background with the HunterLab color 28.4491, -3.0075, 16.6840.



This preview shows how white text looks on a background with the HunterLab color 28.4491, -3.0075, 16.6840.

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

28.4491, -3.0075, 16.6840

Protanopia

28.5273, -4.0611, 16.7159

Deuteranopia

28.3340, 1.7603, 16.5444



Tritanopia

28.3163, 6.0869, 1.6639

Trichromacy



Original Color

28.4491, -3.0075, 16.6840

Protanomaly

28.6168, -3.7422, 16.7791

Deuteranomaly

28.2703, 0.2736, 16.5535

Tritanomaly

28.1801, 2.1323, 9.5301

Monochromacy



Original Color

28.4491, -3.0075, 16.6840

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.1268, -2.8834, 9.3033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4491, -3.0075, 16.6840 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(93, 80, 13)` looks like.

```
.text, #text, p{  
    color:rgb(93, 80, 13)  
}
```

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(93, 80, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 80, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4491, -3.0075, 16.6840 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(93, 80, 13) }
```


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

```
.border{ border-color:rgb(93, 80, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 80, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 80, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 80, 13);  
box-shadow:4px 4px 4px 4px rgb(93, 80, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4491, -3.0075, 16.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 80, 13) }
```

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

```
.background{ background-color: rgb(93, 80,  
13) }
```

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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