

Converting Colors

HunterLab(28.3020, -3.7364,
16.7154)

Have a look what the booklet for
HunterLab(28.3020, -3.7364,
16.7154) contains.

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Color

**HunterLab(28.2589, -3.6990,
16.6839)**

Conversions

Conversions Part 1

Format	Color
Hex	5B500B
RGB	91, 80, 11
RGB Percent	36%, 31%, 4%
CMY	0.6431, 0.6863, 0.9568
CMYK	0.00, 0.12, 0.88, 0.64
HSL	52°, 78%, 20%
HSV	52°, 88%, 36%
XYZ	7.2435, 7.9857, 1.4763
YIQ	75.4230, 28.7050, -19.1270

Conversions

Conversions Part 2

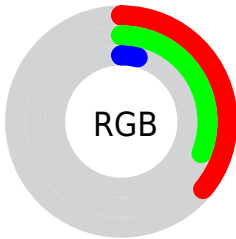
Format	Color
R_{YB}	24, 91, 11
Decimal	5984267
CIE _{Lab}	33.95, -3.33, 38.44
CIE _{LCh}	34, 38.579, 94.953
Yxy	7.9860, 0.4336, 0.4780
Android (android.graphics.Color)	4284174347 (0xFF5B500B)
YUV	75.4230, -31.7605, 13.6610
Hunter-Lab	28.2589, -3.6990, 16.6839

Details

The HunterLab color **28.2589, -3.6990, 16.6839** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.8337, 14.1851, -42.0487**, and the grayscale version is **26.7803, -1.4289, 1.4550**.

A 20% lighter version of the original color is **46.8687, -5.1104, 23.2059**, and **13.1650, -2.0861, 8.0757** is the 20% darker color. If you saturate the color by 10%, you get **27.9008, -3.3843, 17.0169**, and if you desaturate by 10%, it is **28.6316, -3.9529, 16.1928**.

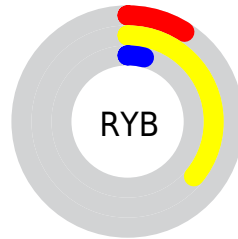
Distribution



Red (36%)

Green (31%)

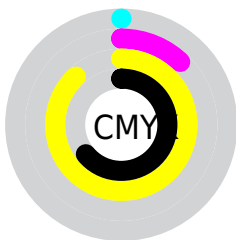
Blue (4%)



Red (9%)

Yellow (36%)

Blue (4%)

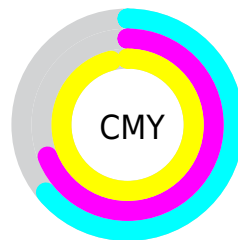


Cyan (0%)

Magenta (12%)

Yellow (88%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2589, -3.6990, 16.6839 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 28.2589, -3.6990, 16.6839 by changing the saturation by 10% instead.

■ 28.2589, -3.6990,
16.6839

■ 28.2589, -3.6990,
16.6839

■ 132.5226,
-10.7819, 41.9289

■ 20.2139, -3.0313,
13.5623

■ 46.8306, -5.1053,
23.2197

■ 13.1217, -2.3797,
9.1852

■ 57.2231, -5.8441,
26.1998

■ 6.6160, -2.5471,
4.6312

■ 68.2877, -6.6075,
29.0407

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.9856, -7.3952,
31.7701

0.0000, NaN, NaN

■ 92.2844, -8.2069,
34.4090

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1560, -9.0422,

■ 118.5759, -9.9007,
39.4769

■ 28.2589, -3.6990,
16.6839

■ 28.2589, -3.6990,
16.6839

■ 27.9008, -3.3843,
17.0169

■ 28.6316, -3.9529,
16.1928

■ 27.8259, -3.3184,
17.0881

■ 29.0256, -4.0926,
15.4122

■ 29.4429, -4.1124,
14.3259

■ 29.8843, -4.0074,
12.9236

■ 30.3503, -3.7748,
11.1998

■ 30.8413, -3.4133,
9.1531

■ 31.3575, -2.9227,
6.7852

■ 31.8987, -2.3042,
4.1004

■ 32.4649, -1.5597,
1.1053

Harmonies

Analogous

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



28.2596, 10.2498, 15.9545



28.2589, -3.6990, 16.6839



28.2596, -14.8101, 15.1575

Triad

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



28.2596, -3.7001, 16.6841



28.2596, -19.6820, -16.4193



28.2596, 25.8334, -10.9334

Complementary

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



28.2589, -3.6990, 16.6839



11.8337, 14.1851, -42.0487

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.



28.2596, 14.8225, -26.8351



28.2589, -3.6990, 16.6839



28.2596, -11.6133, -30.9041

Square

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



28.2596, -3.7001, 16.6841



28.2596, -22.8740, -0.6612



28.2596, 0.7502, -35.4065



28.2596, 29.0215, 3.5740

Rectangle

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



28.2589, -3.6990, 16.6839



28.2596, -19.6643, 12.3056



28.2596, 0.7502, -35.4065



28.2596, 22.8352, -16.4715

Sweetspot

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



28.2596, -3.7001, 16.6841



40.4003, -4.4005, 11.6469



15.8917, 23.7320, 7.1828



19.7953, -2.2203, 6.0202



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.



28.2596, -3.7001, 16.6841



36.2547, -4.1317, 22.2677



29.2628, -15.5165, 17.1182



16.2424, -1.2073, 2.2257



33.7652, -3.8922, 20.7378



78.4076, -8.1350, 48.1720

Inverse Universe

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



11.8337, 14.1851, -42.0487



12.9063, 24.6548, -69.3544



11.9422, 21.6231, -41.4013



15.2513, -0.4273, -0.6179



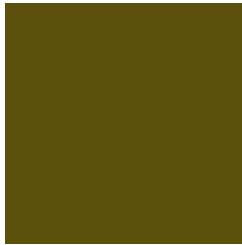
12.0909, 22.6477, -64.0024



26.8121, 58.5383, -159.8801

Previews

White Background



This preview shows how the HunterLab color 28.2589, -3.6990, 16.6839 looks on a white background.

Color Contrast Check

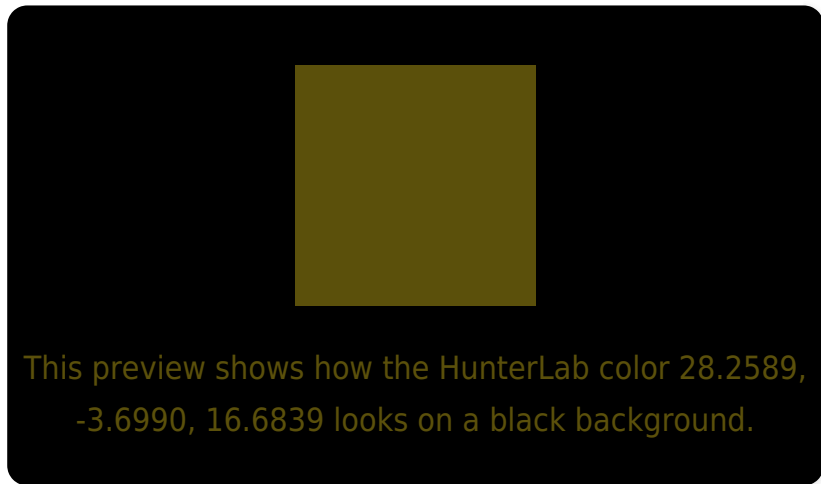
Large Text (above 18pt) WCAG AA ✓ Pass

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

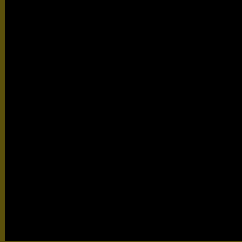
Any Text WCAG AA × Fail

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 28.2589, -3.6990, 16.6839 Background



This preview shows how black text looks on a background with the HunterLab color 28.2589, -3.6990, 16.6839.



This preview shows how white text looks on a background with the HunterLab color 28.2589, -3.6990,

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

28.2589, -3.6990, 16.6839

Protanopia

28.1694, -4.0177, 16.6211

Deuteranopia

28.2264, 1.3879, 16.5446



Tritanopia

28.2197, 5.7765, 1.5446

Trichromacy



Original Color

28.2589, -3.6990, 16.6839

Protanomaly

28.1694, -4.0177, 16.6211

Deuteranomaly

28.0681, -0.4289, 16.4836

Tritanomaly

27.9721, 1.3984, 9.5996

Monochromacy



Original Color

28.2589, -3.6990, 16.6839

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.0278, -3.2674, 9.4704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2589, -3.6990, 16.6839 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(91, 80, 11)` looks like.

```
.text, #text, p{  
    color:rgb(91, 80, 11)  
}
```

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(91, 80, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 80, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2589, -3.6990, 16.6839 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(91, 80, 11) }
```


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

```
.border{ border-color:rgb(91, 80, 11) }
```

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

Here you see how a box with a 4 pixel rgb(91, 80, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 80, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 80, 11);  
box-shadow:4px 4px 4px 4px rgb(91, 80, 11)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2589, -3.6990, 16.6839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 80, 11) }
```

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

```
.background{ background-color: rgb(91, 80,  
11) }
```

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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