

# Converting Colors

HunterLab(28.0280, -1.5287,  
16.1235)

Have a look what the booklet for  
HunterLab(28.0280, -1.5287,  
16.1235) contains.

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# Color

**HunterLab(28.0516, -1.7370,  
16.1340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E4E11
RGB	94, 78, 17
RGB Percent	37%, 31%, 7%
CMY	0.6314, 0.6941, 0.9333
CMYK	0.00, 0.17, 0.82, 0.63
HSL	48°, 69%, 22%
HSV	48°, 82%, 37%
XYZ	7.4417, 7.8689, 1.6569
YIQ	75.8300, 29.1170, -15.5790

# Conversions

## Conversions Part 2

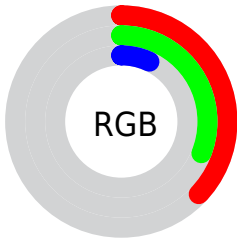
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 94, 17
Decimal	6180369
CIE Lab	33.71, -0.36, 36.14
CIE LCh	34, 36.144, 90.572
Yxy	7.8693, 0.4386, 0.4638
Android (android.graphics.Color)	4284370449 (0xFF5E4E11)
YUV	75.8300, -29.0032, 15.9351
Hunter-Lab	28.0516, -1.7370, 16.1340

# Details

The HunterLab color **28.0516, -1.7370, 16.1340** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **14.1951, 10.3102, -35.3033**, and the grayscale version is **26.9163, -1.4362, 1.4624**.

A 20% lighter version of the original color is **46.6513, -2.9102, 22.3395**, and **12.9597, -0.4939, 7.9770** is the 20% darker color. If you saturate the color by 10%, you get **27.5174, -1.1547, 16.4655**, and if you desaturate by 10%, it is **28.6127, -2.2078, 15.5181**.

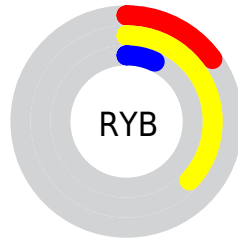
# Distribution



Red (37%)

Green (31%)

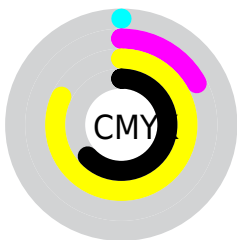
Blue (7%)



Red (15%)

Yellow (37%)

Blue (7%)

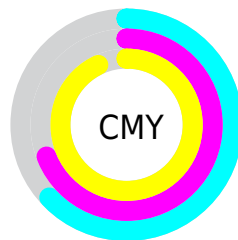


Cyan (0%)

Magenta (17%)

Yellow (82%)

Black (63%)



Cyan (63%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0516, -1.7370, 16.1340 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 28.0516, -1.7370, 16.1340 by changing the saturation by 10% instead.



■ 28.0516, -1.7370,  
16.1340

■ 28.0516, -1.7370,  
16.1340

■ 132.1754, -7.4622,  
40.1288

■ 20.0286, -1.2841,  
13.0399

■ 46.5852, -2.7724,  
22.3258

■ 12.9613, -0.8775,  
9.0729

■ 56.9607, -3.3463,  
25.1514

■ 6.4080, -0.5875,  
4.4856

■ 68.0093, -3.9549,  
27.8480

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.6922, -4.5965,  
30.4421

0.0000, NaN, NaN

■ 91.9766, -5.2693,  
32.9535

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8345, -5.9719,

118.2413, -6.7033,  
37.7861

28.0516, -1.7370,  
16.1340

28.0516, -1.7370,  
16.1340

27.5174, -1.1547,  
16.4655

28.6127, -2.2078,  
15.5181

27.0929, -0.6587,  
16.6830

29.2004, -2.5525,  
14.5916

29.8159, -2.7679,  
13.3465

30.4593, -2.8518,  
11.7803

31.1306, -2.8036,  
9.8949

■ 31.8297, -2.6244,  
7.6954

■ 32.5560, -2.3163,  
5.1895

■ 33.3092, -1.8822,  
2.3868

■ 34.0885, -1.3258,  
-0.7020

# Harmonies

## Analogous

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



28.0523, 11.3437, 15.0501



28.0516, -1.7370, 16.1340



28.0523, -12.7275, 14.9580

# Triad

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



28.0523, -1.7382, 16.1342



28.0523, -19.3696, -12.8046



28.0523, 22.7125, -12.2242

# Complementary

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



28.0516, -1.7370, 16.1340



14.1951, 10.3102, -35.3033

# 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.



28.0523, 11.8330, -26.2298



28.0516, -1.7370, 16.1340



28.0523, -12.3786, -26.6559

# Square

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



28.0523, -1.7382, 16.1342



28.0523, -21.7484, 1.2974



28.0523, -1.2576, -32.4033



28.0523, 26.8769, 1.7546



# Rectangle

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



28.0516, -1.7370, 16.1340



28.0523, -17.7836, 12.5290



28.0523, -1.2576, -32.4033



28.0523, 19.6351, -17.2702

# Sweetspot

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



28.0523, -1.7382, 16.1342



41.7572, -3.5848, 11.3563



17.0127, 23.7458, 5.7073



20.3377, -1.7812, 5.8827



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.



28.0523, -1.7382, 16.1342



35.7915, -0.7175, 21.9256



30.7093, -14.2735, 17.6490



16.1662, -1.0821, 2.1444



31.7613, -0.5926, 19.5608



73.4475, 0.1095, 45.2599



# Inverse Universe

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



14.1951, 10.3102, -35.3033



14.9391, 21.2775, -64.0132



12.7941, 20.1724, -40.8371



15.3264, -0.5536, -0.5249



13.1237, 19.1640, -57.7731

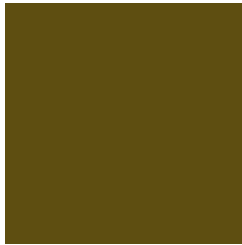


28.8834, 50.9155, -146.0136



# Previews

## White Background



This preview shows how the HunterLab color 28.0516, -1.7370, 16.1340 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

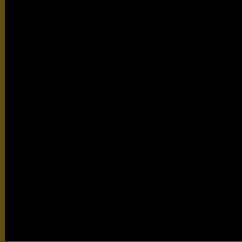
Any Text WCAG AA × Fail

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 28.0516, -1.7370, 16.1340 Background



This preview shows how black text looks on a background with the HunterLab color 28.0516, -1.7370, 16.1340.



This preview shows how white text looks on a background with the HunterLab color 28.0516, -1.7370,



# 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

28.0516, -1.7370, 16.1340

### Protanopia

28.1099, -4.1723, 16.1296

### Deuteranopia

27.9019, 1.5884, 16.0048



## Tritanopia

28.1280, 6.5872, 2.2547

# Trichromacy



## Original Color

28.0516, -1.7370, 16.1340

## Protanomaly

28.0296, -3.1267, 16.0952

## Deuteranomaly

27.9450, 0.4760, 16.0137

## Tritanomaly

28.0340, 2.8951, 9.4124

# Monochromacy



## Original Color

28.0516, -1.7370, 16.1340

## Achromatopsia

26.8834, -1.4344, 1.4606

## Achromatomaly

27.2444, -2.3999, 8.8801

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.0516, -1.7370, 16.1340 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(94, 78, 17)` looks like.

```
.text, #text, p{  
    color:rgb(94, 78, 17)  
}
```

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(94, 78, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 78, 17) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.0516, -1.7370, 16.1340 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(94, 78, 17) }
```



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

```
.border{ border-color:rgb(94, 78, 17) }
```

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

Here you see how a box with a 4 pixel rgb(94, 78, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 78, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 78, 17);  
box-shadow:4px 4px 4px 4px rgb(94, 78, 17)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 28.0516, -1.7370, 16.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 78, 17) }
```

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

```
.background{ background-color: rgb(94, 78,  
17) }
```

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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