

Converting Colors

HunterLab(56.5261, 27.9681,
32.2231)

Have a look what the booklet for
HunterLab(56.5261, 27.9681,
32.2231) contains.

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Color

**HunterLab(56.4752, 28.0339,
32.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	E47F31
RGB	228, 127, 49
RGB Percent	89%, 50%, 19%
CMY	0.1059, 0.5019, 0.8078
CMYK	0.00, 0.44, 0.79, 0.11
HSL	26°, 77%, 54%
HSV	26°, 79%, 89%
XYZ	40.1387, 31.8945, 6.9464
YIQ	148.3070, 85.2340, -2.8460

Conversions

Conversions Part 2

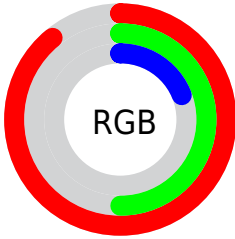
Format	Color
R _Y B	228, 187, 49
Decimal	14974769
CIE Lab	63.26, 33.50, 56.73
CIE LCh	63, 65.887, 59.435
Yxy	31.8962, 0.5082, 0.4038
Android (android.graphics.Color)	4293164849 (0xFFE47F31)
YUV	148.3070, -48.9584, 69.8908
Hunter-Lab	56.4752, 28.0339, 32.2400

Details

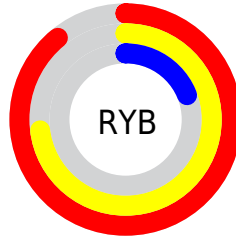
The HunterLab color **56.4752, 28.0339, 32.2400** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **52.9768, -4.5130, -49.5800**, and the grayscale version is **54.7106, -2.9192, 2.9725**.

A 20% lighter version of the original color is **74.3285, 14.2860, 36.2301**, and **36.4361, 25.9390, 22.9058** is the 20% darker color. If you saturate the color by 10%, you get **53.5129, 33.8305, 32.4707**, and if you desaturate by 10%, it is **59.7308, 22.5299, 31.1481**.

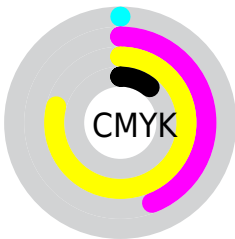
Distribution



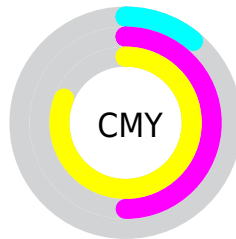
- Red (89%)
- Green (50%)
- Blue (19%)



- Red (89%)
- Yellow (73%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (79%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4752, 28.0339, 32.2400 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 56.4752, 28.0339, 32.2400 by changing the saturation by 10% instead.

56.4752, 28.0339,
32.2400

56.4752, 28.0339,
32.2400

176.2515, 33.7047,
63.8892

46.1326, 26.9574,
27.9861

79.1507, 29.8561,
40.1411

36.5109, 25.7636,
23.4846

91.4086, 30.6281,
43.8467

27.6704, 24.4382,
19.2783

104.2410, 31.3165,
47.4212

19.6874, 22.9770,
13.7812

117.6235, 31.9279,
50.8837

12.6665, 21.4054,
8.8666

131.5341, 32.4679,
54.2498

6.0047, 25.2392,
4.2033

145.9537, 32.9412,

0.0000, INF, NaN

57.5325

0.0000, NaN, NaN

160.8647, 33.3523,
60.7426

0.0000, NaN, NaN

■ 56.4752, 28.0339,
32.2400

■ 56.4752, 28.0339,
32.2400

■ 53.5129, 33.8305,
32.4707

■ 59.7308, 22.5299,
31.1481

■ 50.8556, 39.7968,
31.9198

■ 63.2524, 17.4004,
29.2209


■ 50.4834, 40.6781,
31.8198


■ 67.0183, 12.6749,
26.5195


■ 71.0061, 8.3608,
23.1176

■ 75.1949, 4.4484,
19.0906

 79.5658, 0.9175,
14.5100

 84.1022, -2.2576,
9.4405

 88.7889, -5.1050,
3.9392

 93.6130, -7.6529,
-1.9443

Harmonies

Analogous

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



56.4767, 53.8301, 23.3356



56.4752, 28.0339, 32.2400



56.4767, -2.4691, 34.4701

Triad

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



56.4767, 28.0302, 32.2407



56.4767, -48.4492, 3.5914



56.4767, 26.8926, -64.8422

Complementary

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



56.4752, 28.0339, 32.2400



52.9768, -4.5130, -49.5800

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.



56.4767, -3.5618, -79.1729



56.4752, 28.0339, 32.2400



56.4767, -43.6433, -29.4697

Square

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



56.4767, 28.0302, 32.2407



56.4767, -43.2642, 23.8540



56.4767, -28.5335, -63.7979



56.4767, 53.0861, -30.8562

Rectangle

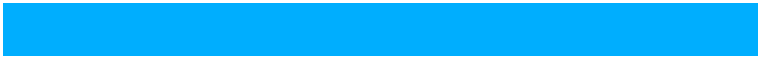
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4752, 28.0339, 32.2400



56.4767, -20.3050, 33.6214



56.4767, -28.5335, -63.7979



56.4767, 16.6397, -72.6985

Sweetspot

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



56.4767, 28.0302, 32.2407



87.5098, 3.2511, 19.4797



45.7239, 70.8021, -8.2388



39.6709, 2.1859, 9.8510

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.4767, 28.0302, 32.2407



58.8814, 42.5183, 36.5604



81.1550, -16.3817, 47.5975



39.2378, -0.9240, 4.6628



38.6561, 30.1738, 24.3479



11.3414, 6.2235, 7.0975

Inverse Universe

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



52.9768, -4.5130, -49.5800



54.1388, 1.6799, -70.2199



30.9597, 43.4634, -120.7248



39.0253, -3.0964, -0.5346



35.3355, 2.3781, -49.3001



10.5202, -0.9102, -11.1846

Previews

White Background



This preview shows how the HunterLab color 56.4752, 28.0339, 32.2400 looks on a white 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

Black Background



This preview shows how the HunterLab color 56.4752, 28.0339, 32.2400 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.4752, 28.0339, 32.2400 Background



This preview shows how black text looks on a background with the HunterLab color 56.4752, 28.0339, 32.2400.



This preview shows how white text looks on a background with the HunterLab color 56.4752, 28.0339,

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

56.4752, 28.0339, 32.2400

Protanopia

56.7163, -7.0938, 30.9130

Deuteranopia

56.6237, 3.9575, 32.6669



Tritanopia

56.4871, 39.4669, 14.0626

Trichromacy



Original Color

56.4752, 28.0339, 32.2400

Protanomaly

56.0446, 4.9684, 31.0582

Deuteranomaly

56.3707, 12.6865, 32.3462

Tritanomaly

56.3993, 34.7558, 22.9521

Monochromacy



Original Color

56.4752, 28.0339, 32.2400

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

54.1046, 5.7241, 16.6409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4752, 28.0339, 32.2400 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(228, 127, 49)` looks like.

```
.text, #text, p{  
    color:rgb(228, 127, 49)  
}
```

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(228, 127, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 127, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4752, 28.0339, 32.2400 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(228, 127, 49) }
```


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

```
.border{ border-color:rgb(228, 127, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 127, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 127, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 127, 49);  
box-shadow:4px 4px 4px 4px rgb(228, 127,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4752, 28.0339, 32.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 127, 49) }
```

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

```
.background{ background-color: rgb(228,  
127, 49) }
```

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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