

Converting Colors

HunterLab(51.6723, 36.0330,
32.4710)

Have a look what the booklet for
HunterLab(51.6723, 36.0330,
32.4710) contains.

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Color

**HunterLab(51.6567, 36.1474,
32.4634)**

Conversions

Conversions Part 1

Format	Color
Hex	E26B00
RGB	226, 107, 0
RGB Percent	89%, 42%, 0%
CMY	0.1137, 0.5804, 1.0000
CMYK	0.00, 0.53, 1.00, 0.11
HSL	28°, 100%, 44%
HSV	28°, 100%, 89%
XYZ	36.6217, 26.6841, 3.2204
YIQ	130.3830, 105.2710, -8.0490

Conversions

Conversions Part 2

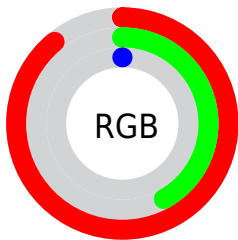
Format	Color
R_{YB}	226, 203, 0
Decimal	14838528
CIE _{Lab}	58.68, 41.93, 66.91
CIE _{LCh}	59, 78.961, 57.926
Yxy	26.6856, 0.5505, 0.4011
Android (android.graphics.Color)	4293028608 (0xFFE26B00)
YUV	130.3830, -64.2788, 83.8561
Hunter-Lab	51.6567, 36.1474, 32.4634

Details

The HunterLab color **51.6567, 36.1474, 32.4634** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **43.2256, 8.2841, -71.9105**, and the grayscale version is **47.6154, -2.5406, 2.5870**.

A 20% lighter version of the original color is **68.4155, 23.3115, 37.9635**, and **32.4329, 33.8905, 20.5783** is the 20% darker color. If you saturate the color by 10%, you get **51.6573, 36.1453, 32.4638**, and if you desaturate by 10%, it is **54.2222, 30.5377, 33.0821**.

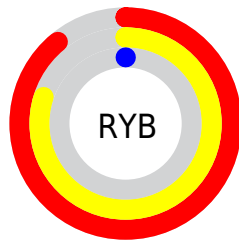
Distribution



Red (89%)

Green (42%)

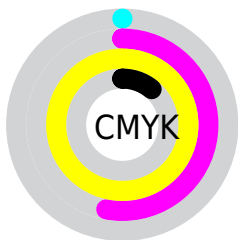
Blue (0%)



Red (89%)

Yellow (80%)

Blue (0%)

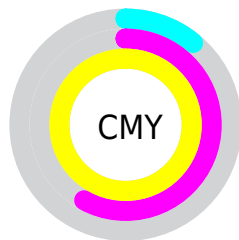


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6567, 36.1474, 32.4634 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 51.6567, 36.1474, 32.4634 by changing the saturation by 10% instead.

51.6567, 36.1474,
32.4634

51.6567, 36.1474,
32.4634

169.1543, 44.8852,
69.6433

41.6380, 34.6823,
27.4258

73.7421, 38.7209,
41.8356

32.3655, 33.0992,
22.6558

85.7279, 39.8530,
46.2180

23.9064, 31.3995,
16.7345

98.3008, 40.8910,
50.4320

16.3483, 29.6237,
11.4438

111.4345, 41.8418,
54.4996

9.8150, 27.9436,
6.8705

125.1061, 42.7115,
58.4396


0.0000, INF, NaN

0.0000, NaN, NaN

139.2951, 43.5055,


62.2682

0.0000, NaN, NaN


 153.9833, 44.2286,
65.9989


0.0000, NaN, NaN


 51.6567, 36.1474,
32.4634


 51.6567, 36.1474,
32.4634


 51.6573, 36.1453,
32.4638

 54.2222, 30.5377,
33.0821

 57.0442, 25.1253,
32.9880

 60.1170, 20.0359,
32.0313

 63.4236, 15.3266,
30.2219

 66.9460, 11.0233,
27.6067

■ 70.6663, 7.1304,
24.2488

■ 74.5677, 3.6375,
20.2173

■ 78.6345, 0.5256,
15.5799

■ 82.8526, -2.2295,
10.4003

Harmonies

Analogous

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



51.6581, 67.4677, 24.0826



51.6567, 36.1474, 32.4634



51.6581, -0.4038, 34.2252

Triad

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



51.6581, 36.1434, 32.4640



51.6581, -52.7029, 4.9838



51.6581, 31.0477, -86.0716

Complementary

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



51.6567, 36.1474, 32.4634



43.2256, 8.2841, -71.9105

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.



51.6581, -5.0730, -103.7485



51.6567, 36.1474, 32.4634



51.6581, -48.2855, -34.9622

Square

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



51.6581, 36.1434, 32.4640



51.6581, -46.8369, 25.9335



51.6581, -32.7397, -80.8678



51.6581, 64.0367, -41.5277

Rectangle

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



51.6567, 36.1474, 32.4634



51.6581, -21.1483, 33.7506



51.6581, -32.7397, -80.8678



51.6581, 18.6273, -96.2445

Sweetspot

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



51.6581, 36.1434, 32.4640



85.4126, 4.2484, 23.2845



41.8783, 74.9860, 1.7183



38.6269, 2.7284, 11.7187

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6581, 36.1434, 32.4640



59.0511, 41.8918, 37.1204



81.5804, -19.0190, 49.9363



38.4259, -1.0973, 4.6697



39.3165, 26.5832, 24.6920



11.1793, 5.1125, 6.9781

Inverse Universe

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



43.2256, 8.2841, -71.9105



49.3393, 9.9326, -83.1115



23.7796, 62.0443, -163.6572



37.9893, -2.8310, -0.6564



33.0134, 5.5665, -53.2802



9.6666, -0.2700, -11.4996

Previews

White Background



This preview shows how the HunterLab color 51.6567, 36.1474, 32.4634 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6567, 36.1474, 32.4634 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 × Fail

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

HunterLab 51.6567, 36.1474, 32.4634 Background



This preview shows how black text looks on a background with the HunterLab color 51.6567, 36.1474, 32.4634.



This preview shows how white text looks on a background with the HunterLab color 51.6567, 36.1474,

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

51.6567, 36.1474, 32.4634

Protanopia

51.8364, -7.0481, 31.0610

Deuteranopia

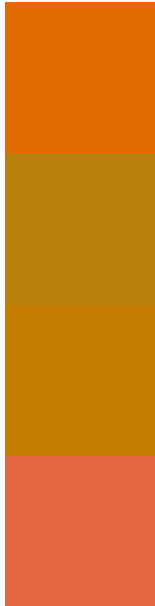
51.6080, 3.4720, 31.8614



Tritanopia

51.7812, 45.4498, 17.0901

Trichromacy



Original Color

51.6567, 36.1474, 32.4634

Protanomaly

50.9116, 7.9882, 31.0679

Deuteranomaly

51.1381, 15.1291, 31.7759

Tritanomaly

51.5749, 40.7708, 26.3894

Monochromacy



Original Color

51.6567, 36.1474, 32.4634

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.4794, 7.2822, 19.1648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6567, 36.1474, 32.4634 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(226, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(226, 107, 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(226, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 107, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6567, 36.1474, 32.4634 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(226, 107, 0) }
```


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

```
.border{ border-color:rgb(226, 107, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(226, 107,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6567, 36.1474, 32.4634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 107, 0) }
```

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

```
.background{ background-color: rgb(226,  
107, 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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