

Converting Colors

HunterLab(51.4646, 34.7428,
31.7577)

Have a look what the booklet for
HunterLab(51.4646, 34.7428,
31.7577) contains.

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Color

**HunterLab(51.4301, 34.5534,
31.7307)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DF6C10 |
| RGB | 223, 108, 16 |
| RGB Percent | 87%, 42%, 6% |
| CMY | 0.1255, 0.5764, 0.9372 |
| CMYK | 0.00, 0.52, 0.93, 0.13 |
| HSL | 27°, 87%, 47% |
| HSV | 27°, 93%, 87% |
| XYZ | 35.8876, 26.4506, 3.7043 |
| YIQ | 131.8970, 98.0720, -4.2320 |

Conversions

Conversions Part 2

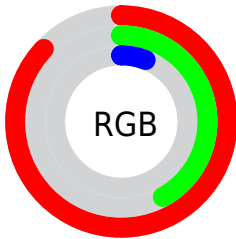
| Format | Color |
|--|---|
| RYB | 223, 182, 16 |
| Decimal | 14642192 |
| CIELab | 58.46, 40.42, 63.58 |
| CIElCh | 58, 75.341, 57.551 |
| Yxy | 26.4520, 0.5434, 0.4005 |
| Android (android.graphics.Color) | 4292832272 (0xFFDF6C10) |
| YUV | 131.8970, -57.1372, 79.8973 |
| Hunter-Lab | 51.4301, 34.5534, 31.7307 |

Details

The HunterLab color **51.4301, 34.5534, 31.7307** 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 **46.5511, 1.5488, -60.2040**, and the grayscale version is **48.1874, -2.5712, 2.6181**.

A 20% lighter version of the original color is **68.7344, 23.1210, 37.1702**, and **32.2488, 31.9066, 20.4301** is the 20% darker color. If you saturate the color by 10%, you get **49.6321, 38.6749, 31.2601**, and if you desaturate by 10%, it is **54.1832, 28.8841, 31.8580**.

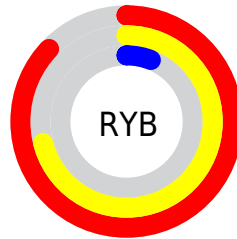
Distribution



Red (87%)

Green (42%)

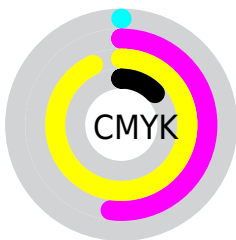
Blue (6%)



Red (87%)

Yellow (71%)

Blue (6%)

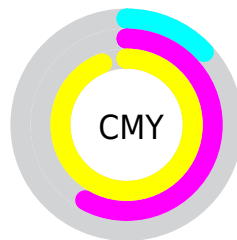


Cyan (0%)

Magenta (52%)

Yellow (93%)

Black (13%)



Cyan (13%)

Magenta (58%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4301, 34.5534, 31.7307 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 51.4301, 34.5534, 31.7307 by changing the saturation by 10% instead.

51.4301, 34.5534,
31.7307

51.4301, 34.5534,
31.7307

168.8176, 42.8284,
67.2879

41.4272, 33.1428,
26.9026

73.4869, 37.0181,
40.6919

32.1716, 31.6123,
22.1672

85.4596, 38.0967,
44.8791

23.7312, 29.9608,
16.6119

98.0199, 39.0821,
48.9057

16.1940, 28.2222,
11.3358

111.1416, 39.9813,
52.7938

9.6849, 26.5506,
6.7794

124.8016, 40.8004,
56.5616

0.0000, INF, NaN

0.0000, NaN, NaN

138.9795, 41.5449,

60.2248

0.0000, NaN, NaN

153.6570, 42.2195,
63.7965

0.0000, NaN, NaN

51.4301, 34.5534,
31.7307

51.4301, 34.5534,
31.7307

49.6321, 38.6749,
31.2601

54.1832, 28.8841,
31.8580

57.2159, 23.4801,
31.1497

60.5100, 18.4196,
29.6084

64.0440, 13.7454,
27.2801

67.7967, 9.4721,
24.2308

■ 71.7483, 5.5955,
20.5325

■ 75.8803, 2.0994,
16.2557

■ 80.1763, -1.0394,
11.4660

■ 84.6217, -3.8472,
6.2220

Harmonies

Analogous

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



51.4315, 63.8567, 23.1615



51.4301, 34.5534, 31.7307



51.4315, -0.0946, 33.6512

Triad

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



51.4315, 34.5495, 31.7313



51.4315, -50.8662, 5.2355



51.4315, 28.8718, -80.6650

Complementary

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



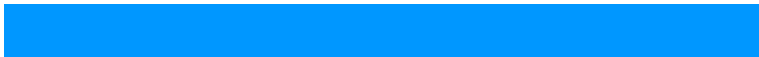
51.4301, 34.5534, 31.7307



46.5511, 1.5488, -60.2040

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.



51.4315, -5.3468, -96.5311



51.4301, 34.5534, 31.7307



51.4315, -46.6748, -32.2393

Square

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



51.4315, 34.5495, 31.7313



51.4315, -45.0071, 25.3240



51.4315, -31.7386, -74.9860



51.4315, 60.0557, -39.4753

Rectangle

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



51.4301, 34.5534, 31.7307



51.4315, -19.9957, 33.1644



51.4315, -31.7386, -74.9860



51.4315, 17.1248, -89.9314

Sweetspot

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



51.4315, 34.5495, 31.7313



85.7178, 4.5830, 21.6848



42.1432, 73.9484, -4.1102



38.6998, 2.9611, 11.0011

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4315, 34.5495, 31.7313



57.5725, 45.5360, 36.2731



78.3737, -15.5913, 47.6495



38.3384, -0.9495, 4.5750



38.3432, 28.9483, 24.1337



10.9341, 5.6523, 6.8365

Inverse Universe

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



46.5511, 1.5488, -60.2040



51.4446, 5.9895, -77.2309



25.2124, 54.9421, -147.6726



38.0785, -2.9773, -0.5476



34.3811, 3.0460, -49.5488



9.9857, -0.7999, -10.7545

Previews

White Background



This preview shows how the HunterLab color 51.4301, 34.5534, 31.7307 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 51.4301, 34.5534, 31.7307 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 51.4301, 34.5534, 31.7307 Background



This preview shows how black text looks on a background with the HunterLab color 51.4301, 34.5534, 31.7307.



This preview shows how white text looks on a background with the HunterLab color 51.4301, 34.5534,

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

51.4301, 34.5534, 31.7307

Protanopia

51.4735, -6.8189, 30.4727

Deuteranopia

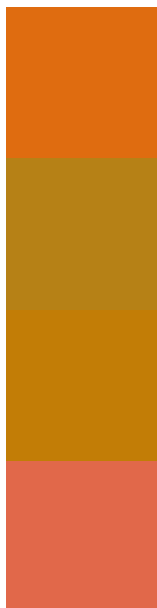
51.4929, 3.0849, 31.7837



Tritanopia

51.5147, 43.8474, 16.5014

Trichromacy



Original Color

51.4301, 34.5534, 31.7307

Protanomaly

50.6986, 7.3477, 30.4812

Deuteranomaly

51.1368, 13.8845, 31.5536

Tritanomaly

51.3835, 39.4382, 24.8772

Monochromacy



Original Color

51.4301, 34.5534, 31.7307

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.8575, 7.4265, 17.6360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4301, 34.5534, 31.7307 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(223, 108, 16)` looks like.

```
.text, #text, p{  
    color:rgb(223, 108, 16)  
}
```

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(223, 108, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 108, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4301, 34.5534, 31.7307 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(223, 108, 16) }
```


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

```
.border{ border-color:rgb(223, 108, 16) }
```

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

Here you see how a box with a 4 pixel rgb(223, 108, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 108, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 108, 16);  
box-shadow:4px 4px 4px 4px rgb(223, 108,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4301, 34.5534, 31.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 108, 16) }
```

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

```
.background{ background-color: rgb(223,  
108, 16) }
```

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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