

Converting Colors

HunterLab(54.3599, 44.5991,
33.9367)

Have a look what the booklet for
HunterLab(54.3599, 44.5991,
33.9367) contains.

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Color

**HunterLab(54.3740, 44.4397,
33.9378)**

Conversions

Conversions Part 1

Format	Color
Hex	F46A0B
RGB	244, 106, 11
RGB Percent	96%, 42%, 4%
CMY	0.0431, 0.5843, 0.9568
CMYK	0.00, 0.57, 0.95, 0.04
HSL	24°, 91%, 50%
HSV	24°, 95%, 96%
XYZ	42.5227, 29.5653, 3.7821
YIQ	136.4320, 112.7430, -0.2890

Conversions

Conversions Part 2

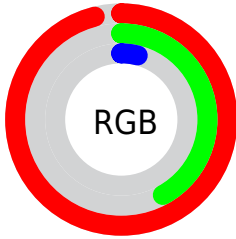
Format	Color
R_{YB}	244, 171, 11
Decimal	16017931
CIE Lab	61.28, 49.31, 67.98
CIE LCh	61, 83.984, 54.042
Yxy	29.5670, 0.5605, 0.3897
Android (android.graphics.Color)	4294208011 (0xFFFF46A0B)
YUV	136.4320, -61.8380, 94.3371
Hunter-Lab	54.3740, 44.4397, 33.9378

Details

The HunterLab color **54.3740, 44.4397, 33.9378** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **53.0060, -1.1165, -63.0914**, and the grayscale version is **49.9981, -2.6678, 2.7165**.

A 20% lighter version of the original color is **68.4709, 23.5929, 37.1463**, and **34.8702, 41.6149, 22.2154** is the 20% darker color. If you saturate the color by 10%, you get **53.1507, 47.4217, 33.5814**, and if you desaturate by 10%, it is **57.3589, 37.7604, 34.3289**.

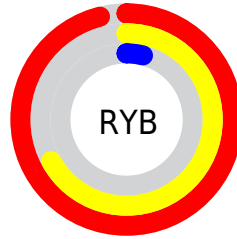
Distribution



Red (96%)

Green (42%)

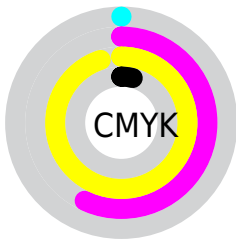
Blue (4%)



Red (96%)

Yellow (67%)

Blue (4%)

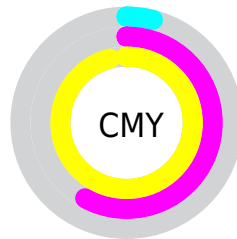


Cyan (0%)

Magenta (57%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (58%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 54.3740, 44.4397, 33.9378 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 54.3740, 44.4397, 33.9378 by changing the saturation by 10% instead.


 54.3740, 44.4397,
33.9378

 54.3740, 44.4397,
33.9378


173.1707, 55.2512,
71.3086


 44.1703, 42.7418,
28.8966


 76.7963, 47.4882,
43.3309


 34.6980, 40.9375,
23.9075


 88.9373, 48.8577,
47.7305

 26.0203, 39.0400,
18.2142


 101.6582, 50.1309,
51.9651

 18.2182, 37.1127,
12.7528

 114.9336, 51.3139,
56.0560

 11.4038, 35.3723,
7.9827

 128.7414, 52.4124,
60.0214

 3.7626, 61.8479,
2.6338

 143.0617, 53.4318,

0.0000, INF, NaN

63.8768

0.0000, NaN, NaN

157.8768, 54.3766,
67.6354

0.0000, NaN, NaN

54.3740, 44.4397,
33.9378

54.3740, 44.4397,
33.9378

53.1507, 47.4217,
33.5814

57.3589, 37.7604,
34.3289

60.7125, 31.2606,
33.8096

64.4093, 25.0770,
32.3681

68.4195, 19.2915,
30.0564

72.7132, 13.9419,
26.9543

■ 77.2623, 9.0356,
23.1492

■ 82.0413, 4.5604,
18.7266

■ 87.0274, 0.4924,
13.7639

■ 92.2004, -3.1981,
8.3297

Harmonies

Analogous

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



54.3755, 76.6210, 23.6528



54.3740, 44.4397, 33.9378



54.3755, 4.5301, 36.2400

Triad

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



54.3755, 44.4352, 33.9385



54.3755, -56.3574, 9.4090



54.3755, 28.5443, -99.2524

Complementary

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



54.3740, 44.4397, 33.9378



53.0060, -1.1165, -63.0914

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.



54.3755, -9.9595, -113.0996



54.3740, 44.4397, 33.9378



54.3755, -53.0829, -31.6224

Square

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



54.3755, 44.4352, 33.9385



54.3755, -48.6437, 29.2906



54.3755, -38.1114, -82.8469



54.3755, 65.8898, -52.2238

Rectangle

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



54.3740, 44.4397, 33.9378



54.3755, -18.8203, 36.0044



54.3755, -38.1114, -82.8469



54.3755, 15.0832, -108.8393

Sweetspot

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



54.3755, 44.4352, 33.9385



84.4321, 6.4278, 21.4220



46.5836, 83.2372, -6.9950



38.0713, 3.9107, 10.8225

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.3755, 44.4352, 33.9385



55.8175, 50.0250, 35.2702



84.1496, -13.3160, 51.3963



41.9428, -0.8219, 4.9129



39.5138, 34.1365, 24.9458



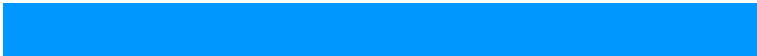
12.5256, 8.1186, 7.8603

Inverse Universe

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



53.0060, -1.1165, -63.0914



54.1856, 1.1046, -70.1117



27.8646, 60.4454, -163.8837



41.9028, -3.4807, -0.4772



38.4146, 0.0653, -48.1558



12.2421, -1.3949, -12.2903

Previews

White Background



This preview shows how the HunterLab color 54.3740, 44.4397, 33.9378 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 54.3740, 44.4397, 33.9378 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 54.3740, 44.4397, 33.9378 Background



This preview shows how black text looks on a background with the HunterLab color 54.3740, 44.4397, 33.9378.



This preview shows how white text looks on a background with the HunterLab color 54.3740, 44.4397,

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

54.3740, 44.4397, 33.9378

Protanopia

54.5756, -7.6230, 32.4341

Deuteranopia

54.4193, 3.2293, 33.5894



Tritanopia

54.5140, 53.1576, 19.9864

Trichromacy



Original Color

54.3740, 44.4397, 33.9378

Protanomaly

53.3210, 10.5610, 32.2522

Deuteranomaly

53.7187, 18.1506, 33.2922

Tritanomaly

54.3604, 49.0039, 27.8527

Monochromacy



Original Color

54.3740, 44.4397, 33.9378

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.5344, 10.2547, 18.8555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.3740, 44.4397, 33.9378 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(244, 106, 11)` looks like.

```
.text, #text, p{  
    color:rgb(244, 106, 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(244, 106, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 106, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 54.3740, 44.4397, 33.9378 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(244, 106, 11) }
```


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

```
.border{ border-color:rgb(244, 106, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 106, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 106, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 106, 11);  
box-shadow:4px 4px 4px 4px rgb(244, 106,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.3740, 44.4397, 33.9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 106, 11) }
```

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

```
.background{ background-color: rgb(244,  
106, 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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