

Converting Colors

HunterLab(54.2908, 47.4053,
33.5139)

Have a look what the booklet for
HunterLab(54.2908, 47.4053,
33.5139) contains.

HunterLab(54.3404, 47.2807, 33.5379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(54.3404, 47.2807,
33.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	F76715
RGB	247, 103, 21
RGB Percent	97%, 40%, 8%
CMY	0.0314, 0.5960, 0.9176
CMYK	0.00, 0.58, 0.91, 0.03
HSL	22°, 93%, 53%
HSV	22°, 91%, 97%
XYZ	43.3434, 29.5288, 4.1247
YIQ	136.7080, 112.1460, 5.0260

Conversions

Conversions Part 2

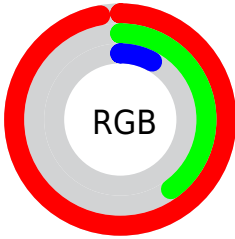
Format	Color
R_{YB}	247, 150, 21
Decimal	16213781
CIE Lab	61.25, 51.90, 66.01
CIE LCh	61, 83.969, 51.827
Yxy	29.5305, 0.5629, 0.3835
Android (android.graphics.Color)	4294403861 (0xFFFF76715)
YUV	136.7080, -57.0440, 96.7261
Hunter-Lab	54.3404, 47.2807, 33.5379

Details

The HunterLab color **54.3404, 47.2807, 33.5379** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **58.1232, -7.8890, -54.0842**, and the grayscale version is **50.0896, -2.6727, 2.7215**.

A 20% lighter version of the original color is **68.0070, 24.8397, 36.2192**, and **34.7261, 43.8247, 22.1653** is the 20% darker color. If you saturate the color by 10%, you get **51.9841, 53.1839, 32.9634**, and if you desaturate by 10%, it is **57.5346, 40.2027, 33.5241**.

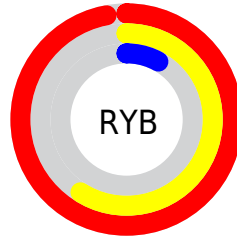
Distribution



Red (97%)

Green (40%)

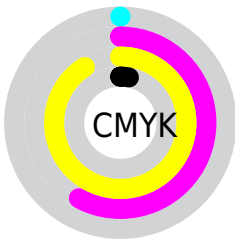
Blue (8%)



Red (97%)

Yellow (59%)

Blue (8%)

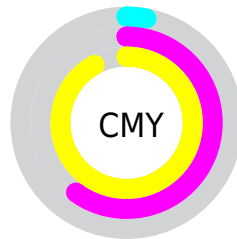


Cyan (0%)

Magenta (58%)

Yellow (91%)

Black (3%)



Cyan (3%)


Magenta (60%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 54.3404, 47.2807, 33.5379 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 54.3404, 47.2807, 33.5379 by changing the saturation by 10% instead.


 54.3404, 47.2807,
33.5379


 54.3404, 47.2807,
33.5379

173.1213, 58.8628,
69.9481


 44.1390, 45.4969,
28.6214


 76.7586, 50.5060,
42.6874


 34.6690, 43.6128,
23.6582


 88.8977, 51.9640,
46.9714


 25.9941, 41.6483,
18.1958


 101.6168, 53.3248,
51.0952

 18.1949, 39.6827,
12.7364

 114.8905, 54.5942,
55.0798

 11.3839, 37.9756,
7.9687

 128.6966, 55.7777,
58.9433

 3.7155, 66.9853,
2.6008

 143.0153, 56.8806,

0.0000, INF, NaN

62.7009

0.0000, NaN, NaN

157.8289, 57.9076,
66.3655

0.0000, NaN, NaN

54.3404, 47.2807,
33.5379

54.3404, 47.2807,
33.5379

51.9841, 53.1839,
32.9634

57.5346, 40.2027,
33.5241

61.1601, 33.2593,
32.5865

65.1808, 26.6104,
30.7593

69.5576, 20.3513,
28.1241

74.2525, 14.5258,
24.7780

■ 79.2311, 9.1424,
20.8177

■ 84.4623, 4.1872,
16.3305

■ 89.9194, -0.3660,
11.3921

■ 95.5790, -4.5497,
6.0665

Harmonies

Analogous

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



54.3419, 78.1920, 22.2972



54.3404, 47.2807, 33.5379



54.3419, 7.3739, 36.1756

Triad

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



54.3419, 47.2760, 33.5386



54.3419, -56.1454, 11.5711



54.3419, 25.5393, -101.7238

Complementary

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



54.3404, 47.2807, 33.5379



58.1232, -7.8890, -54.0842

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.



54.3419, -12.4678, -112.2373



54.3404, 47.2807, 33.5379



54.3419, -53.6785, -27.9472

Square

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



54.3419, 47.2760, 33.5386



54.3419, -47.5850, 30.0632



54.3419, -39.6423, -79.3319



54.3419, 63.5233, -56.1067

Rectangle

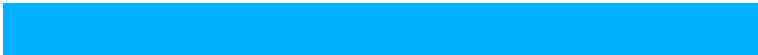
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3404, 47.2807, 33.5379



54.3419, -16.4722, 36.0698



54.3419, -39.6423, -79.3319



54.3419, 12.1451, -110.3081

Sweetspot

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



54.3419, 47.2760, 33.5386



84.5377, 7.1396, 19.5775



48.0978, 85.3723, -14.4745



38.2615, 4.1315, 9.7758

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.3419, 47.2760, 33.5386



53.8576, 55.2678, 34.1543



82.1382, -8.3272, 49.9551



41.7934, -0.5681, 4.7504



38.1281, 37.7968, 24.1560



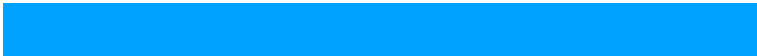
12.1074, 9.1286, 7.6203

Inverse Universe

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



58.1232, -7.8890, -54.0842



57.6426, -4.7127, -61.8749



30.9808, 52.1398, -148.3990



42.0565, -3.7310, -0.2911



40.8056, -3.9190, -42.5434



12.8776, -2.3890, -10.9387

Previews

White Background



This preview shows how the HunterLab color 54.3404, 47.2807, 33.5379 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 54.3404, 47.2807, 33.5379 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 54.3404, 47.2807, 33.5379 Background



This preview shows how black text looks on a background with the HunterLab color 54.3404, 47.2807, 33.5379.



This preview shows how white text looks on a background with the HunterLab color 54.3404, 47.2807, 33.5379.

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

54.3404, 47.2807, 33.5379

Protanopia

54.6079, -7.4435, 31.9566

Deuteranopia

54.4193, 3.2293, 33.5894



Tritanopia

54.2815, 55.1172, 20.6827

Trichromacy



Original Color

54.3404, 47.2807, 33.5379

Protanomaly

53.2231, 11.6257, 31.7045

Deuteranomaly

53.6205, 19.1077, 33.1212

Tritanomaly

54.1860, 51.3580, 27.3912

Monochromacy



Original Color

54.3404, 47.2807, 33.5379

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.8403, 11.3787, 18.0314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.3404, 47.2807, 33.5379 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(247, 103, 21)` looks like.

```
.text, #text, p{  
    color:rgb(247, 103, 21)  
}
```

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(247, 103, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 103, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 54.3404, 47.2807, 33.5379 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(247, 103, 21) }
```


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

```
.border{ border-color:rgb(247, 103, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 103, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 103, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 103, 21);  
box-shadow:4px 4px 4px 4px rgb(247, 103,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.3404, 47.2807, 33.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 103, 21) }
```

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

```
.background{ background-color: rgb(247,  
103, 21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor