

Converting Colors

HunterLab(51.8147, 54.5090,
30.1089)

Have a look what the booklet for
HunterLab(51.8147, 54.5090,
30.1089) contains.

HunterLab(51.8994, 54.6678, 30.2150)	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(51.8994, 54.6678,
30.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	F7582C
RGB	247, 88, 44
RGB Percent	97%, 35%, 17%
CMY	0.0314, 0.6549, 0.8274
CMYK	0.00, 0.64, 0.82, 0.03
HSL	13°, 93%, 57%
HSV	13°, 82%, 97%
XYZ	42.3022, 26.9355, 5.3524
YIQ	130.5250, 108.8880, 20.0240

Conversions

Conversions Part 2

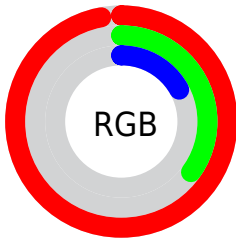
Format	Color
RYB	247, 100, 44
Decimal	16209964
CIELab	58.92, 58.84, 55.90
CIELCh	59, 81.157, 43.533
Yxy	26.9370, 0.5671, 0.3611
Android (android.graphics.Color)	4294400044 (0xFFFF7582C)
YUV	130.5250, -42.6568, 102.1486
Hunter-Lab	51.8994, 54.6678, 30.2150

Details

The HunterLab color **51.8994, 54.6678, 30.2150** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **70.6812, -24.7437, -30.6933**, and the grayscale version is **47.5882, -2.5392, 2.5856**.

A 20% lighter version of the original color is **64.8187, 33.1638, 30.8352**, and **32.5551, 50.5945, 20.9460** is the 20% darker color. If you saturate the color by 10%, you get **49.0278, 61.9637, 30.5340**, and if you desaturate by 10%, it is **55.4885, 46.7456, 29.0459**.

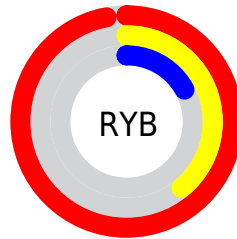
Distribution



Red (97%)

Green (35%)

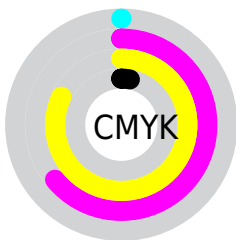
Blue (17%)



Red (97%)

Yellow (39%)

Blue (17%)

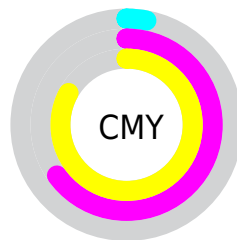


Cyan (0%)

Magenta (64%)

Yellow (82%)

Black (3%)



Cyan (3%)

Magenta (65%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8994, 54.6678, 30.2150 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 51.8994, 54.6678, 30.2150 by changing the saturation by 10% instead.

51.8994, 54.6678,
30.2150

51.8994, 54.6678,
30.2150

169.5147, 68.4337,
61.9119

41.8640, 52.6506,
25.9152

74.0154, 58.3893,
38.1722

32.5733, 50.5619,
21.3764

86.0153, 60.0982,
41.8915

24.0943, 48.4560,
16.8660

98.6016, 61.7079,
45.4729

16.5139, 46.4979,
11.5597

111.7481, 63.2230,
48.9367

9.9548, 45.2106,
6.9683

125.4320, 64.6485,
52.2998

0.0000, INF, NaN

0.0000, INF, NaN

139.6328, 65.9891,

55.5760

0.0000, NaN, NaN

154.3325, 67.2494,
58.7768

0.0000, NaN, NaN

■ 51.8994, 54.6678,
30.2150

■ 51.8994, 54.6678,
30.2150

■ 49.0278, 61.9637,
30.5340

■ 55.4885, 46.7456,
29.0459

■ 47.2974, 66.8898,
30.3155


■ 59.7269, 38.6377,
27.1069


■ 64.5417, 30.6433,
24.5328


■ 69.8589, 22.9462,
21.4602

■ 75.6110, 15.6367,
18.0062

 81.7393, 8.7426,
14.2627

 88.1941, 2.2543,
10.2982

 94.9344, -3.8569,
6.1627

 99.2542, -7.9397,
4.5066

Harmonies

Analogous

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



51.9009, 78.8334, 15.5379



51.8994, 54.6678, 30.2150



51.9009, 17.4198, 34.2270

Triad

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



51.9009, 54.6629, 30.2158



51.9009, -52.3282, 17.7282



51.9009, 13.6960, -103.7255

Complementary

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



51.8994, 54.6678, 30.2150



70.6812, -24.7437, -30.6933

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.



51.9009, -20.2825, -101.5653



51.8994, 54.6678, 30.2150



51.9009, -52.8327, -14.2338

Square

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



51.9009, 54.6629, 30.2158



51.9009, -41.0418, 30.9222



51.9009, -42.6670, -62.2175



51.9009, 51.3299, -66.9854

Rectangle

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



51.8994, 54.6678, 30.2150



51.9009, -6.8007, 34.5936



51.9009, -42.6670, -62.2175



51.9009, 1.3833, -108.0073

Sweetspot

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



51.9009, 54.6629, 30.2158



82.9030, 11.0634, 15.9238



50.8803, 86.5102, -32.9836



37.3175, 6.2796, 8.0012

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.9009, 54.6629, 30.2158



49.2134, 68.8644, 31.4424



75.2059, 3.9484, 44.5320



41.3096, 0.2599, 4.2210



34.6405, 47.8846, 22.1836



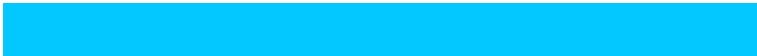
10.9534, 12.1738, 6.9625

Inverse Universe

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



70.6812, -24.7437, -30.6933



69.7641, -22.8156, -37.8148



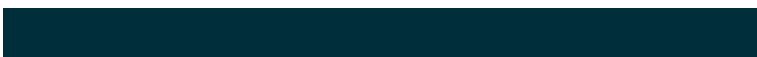
40.8155, 27.1096, -102.1996



42.5586, -4.5431, 0.3126



49.0365, -16.1924, -26.3365



15.0368, -5.4832, -6.9581

Previews

White Background



This preview shows how the HunterLab color 51.8994, 54.6678, 30.2150 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 51.8994, 54.6678, 30.2150 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 51.8994, 54.6678, 30.2150 Background



This preview shows how black text looks on a background with the HunterLab color 51.8994, 54.6678, 30.2150.



This preview shows how white text looks on a background with the HunterLab color 51.8994, 54.6678,

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

51.8994, 54.6678, 30.2150

Protanopia

51.8851, -6.3833, 27.2853

Deuteranopia

51.9527, 3.4037, 30.8892



Tritanopia

51.8146, 59.4085, 22.4035

Trichromacy



Original Color

51.8994, 54.6678, 30.2150

Protanomaly

50.1231, 14.9810, 27.1637

Deuteranomaly

50.8960, 21.9501, 30.0700

Tritanomaly

51.8858, 57.5765, 25.9740

Monochromacy



Original Color

51.8994, 54.6678, 30.2150

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

46.9538, 15.2147, 14.2933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8994, 54.6678, 30.2150 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, 88, 44)` looks like.

```
.text, #text, p{  
    color:rgb(247, 88, 44)  
}
```

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, 88, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 88, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8994, 54.6678, 30.2150 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, 88, 44) }
```


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

```
.border{ border-color:rgb(247, 88, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 88, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 88, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 88, 44);  
box-shadow:4px 4px 4px 4px rgb(247, 88,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8994, 54.6678, 30.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 88, 44) }
```

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

```
.background{ background-color: rgb(247, 88,  
44) }
```

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