

Converting Colors

HunterLab(54.4311, 55.2638,
31.1203)

Have a look what the booklet for
HunterLab(54.4311, 55.2638,
31.1203) contains.

HunterLab(54.4825, 55.1344, 31.1288)	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(54.4825, 55.1344,
31.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F33
RGB	255, 95, 51
RGB Percent	100%, 37%, 20%
CMY	0.0000, 0.6274, 0.8000
CMYK	0.00, 0.63, 0.80, 0.00
HSL	13°, 100%, 60%
HSV	13°, 80%, 100%
XYZ	45.9297, 29.6834, 6.4406
YIQ	137.8240, 109.4840, 20.2360

Conversions

Conversions Part 2

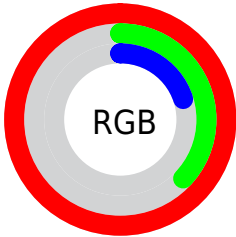
Format	Color
R_{YB}	255, 107, 51
Decimal	16736051
CIE _{Lab}	61.38, 58.82, 55.49
CIE _{LCh}	61, 80.865, 43.328
Yxy	29.6851, 0.5597, 0.3618
Android (android.graphics.Color)	4294926131 (0xFFFF5F33)
YUV	137.8240, -42.8042, 102.7634
Hunter-Lab	54.4825, 55.1344, 31.1288

Details

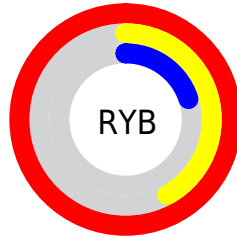
The HunterLab color **54.4825, 55.1344, 31.1288** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **73.8291, -25.9464, -30.9373**, and the grayscale version is **50.4795, -2.6935, 2.7426**.

A 20% lighter version of the original color is **66.5829, 30.0044, 30.5900**, and **34.7724, 51.0931, 22.3211** is the 20% darker color. If you saturate the color by 10%, you get **51.3478, 62.8811, 31.6461**, and if you desaturate by 10%, it is **58.3542, 46.8287, 29.7371**.

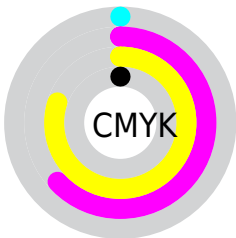
Distribution



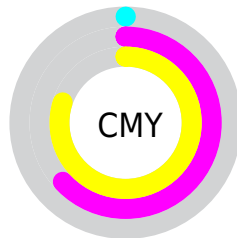
- Red (100%)
- Green (37%)
- Blue (20%)



- Red (100%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 54.4825, 55.1344, 31.1288 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 54.4825, 55.1344, 31.1288 by changing the saturation by 10% instead.


 54.4825, 55.1344,
31.1288


 54.4825, 55.1344,
31.1288


173.3303, 68.6957,
62.3642


 44.2716, 53.1404,
26.9161


 76.9181, 58.8042,
38.9403


 34.7914, 51.0674,
22.4519


 89.0652, 60.4878,
42.5992


 26.1052, 48.9567,
18.2737


 101.7919, 62.0733,
46.1267

 18.2936, 46.9353,
12.8055

 115.0729, 63.5655,
49.5422

 11.4684, 45.3889,
8.0279

 128.8860, 64.9692,
52.8616

 3.9109, 76.1828,
2.7376

 143.2115, 66.2892,

0.0000, INF, NaN

56.0980

0.0000, NaN, NaN

158.0316, 67.5300,
59.2625

0.0000, NaN, NaN

■ 54.4825, 55.1344,
31.1288

■ 54.4825, 55.1344,
31.1288

■ 51.3478, 62.8811,
31.6461

■ 58.3542, 46.8287,
29.7371

■ 48.9831, 69.5425,
31.4006

■ 62.8882, 38.4011,
27.5723

■ 48.9830, 69.5428,
31.4006

■ 68.0074, 30.1380,
24.7790

■ 73.6354, 22.2095,
21.4965

■ 79.7034, 14.6942,
17.8417

■ 86.1521, 7.6113,
13.9047

■ 92.9314, 0.9454,
9.7524

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



54.4841, 79.1590, 15.7455



54.4825, 55.1344, 31.1288



54.4841, 17.7506, 35.5447

Triad

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



54.4841, 55.1294, 31.1296



54.4841, -53.5159, 18.3083



54.4841, 13.4716, -103.1884

Complementary

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



54.4825, 55.1344, 31.1288



73.8291, -25.9464, -30.9373

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.



54.4841, -20.8876, -100.7616



54.4825, 55.1344, 31.1288



54.4841, -54.1114, -13.9344

Square

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



54.4841, 55.1294, 31.1296



54.4841, -41.7944, 31.9918



54.4841, -43.6989, -61.7022



54.4841, 51.3238, -67.0856

Rectangle

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



54.4825, 55.1344, 31.1288



54.4841, -6.7588, 35.9726



54.4841, -43.6989, -61.7022



54.4841, 1.0486, -107.3091

Sweetspot

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



54.4841, 55.1294, 31.1296



83.5303, 10.3934, 15.5089



53.3787, 89.1269, -36.3601



37.5862, 5.9815, 7.8213

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.4841, 55.1294, 31.1296



49.8384, 67.0558, 31.5356



77.4554, 5.2255, 45.4216



43.1534, 0.2895, 4.4147



35.6548, 49.4993, 22.8369



11.7860, 13.4792, 7.4985

Inverse Universe

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



73.8291, -25.9464, -30.9373



70.4382, -23.5677, -36.6431



44.2227, 24.4546, -99.1632



44.4715, -4.7627, 0.3223



50.5791, -16.7436, -27.0749



16.2735, -5.8963, -7.6120

Previews

White Background



This preview shows how the HunterLab color 54.4825, 55.1344, 31.1288 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 54.4825, 55.1344, 31.1288 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 54.4825, 55.1344, 31.1288 Background



This preview shows how black text looks on a background with the HunterLab color 54.4825, 55.1344, 31.1288.



This preview shows how white text looks on a background with the HunterLab color 54.4825, 55.1344,

31.1288.

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

54.4825, 55.1344, 31.1288

Protanopia

54.6695, -6.7054, 27.9798

Deuteranopia

54.5418, 3.8863, 31.7738



Tritanopia

54.5686, 58.9824, 22.3698

Trichromacy



Original Color

54.4825, 55.1344, 31.1288

Protanomaly

52.9558, 15.1276, 27.9530

Deuteranomaly

53.4598, 22.5640, 30.9073

Tritanomaly

54.4682, 57.4029, 26.3067

Monochromacy



Original Color

54.4825, 55.1344, 31.1288

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

49.7830, 15.4883, 14.7075

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.4825, 55.1344, 31.1288 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(255, 95, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 51)  
}
```

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(255, 95, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 54.4825, 55.1344, 31.1288 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(255, 95, 51) }
```


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

```
.border{ border-color:rgb(255, 95, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.4825, 55.1344, 31.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 51) }
```

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

```
.background{ background-color: rgb(255, 95,  
51) }
```

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