

Converting Colors

HunterLab(55.0721, 54.7622,
28.8587)

Have a look what the booklet for
HunterLab(55.0721, 54.7622,
28.8587) contains.

HunterLab(55.1589, 54.5394, 28.8916)	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(55.1589, 54.5394,
28.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6245
RGB	255, 98, 69
RGB Percent	100%, 38%, 27%
CMY	0.0000, 0.6156, 0.7294
CMYK	0.00, 0.62, 0.73, 0.00
HSL	9°, 100%, 64%
HSV	9°, 73%, 100%
XYZ	46.6819, 30.4250, 9.0424
YIQ	141.6370, 102.8810, 24.2650

Conversions

Conversions Part 2

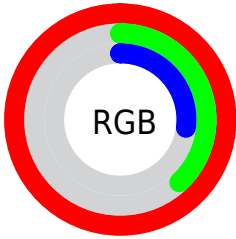
Format	Color
R _Y B	255, 103, 69
Decimal	16736837
CIE Lab	62.02, 58.20, 47.26
CIE LCh	62, 74.971, 39.077
Yxy	30.4268, 0.5419, 0.3532
Android (android.graphics.Color)	4294926917 (0xFFFF6245)
YUV	141.6370, -35.8100, 99.4194
Hunter-Lab	55.1589, 54.5394, 28.8916

Details

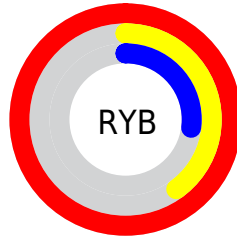
The HunterLab color **55.1589, 54.5394, 28.8916** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **79.2923, -31.3856, -22.4315**, and the grayscale version is **51.9757, -2.7733, 2.8239**.

A 20% lighter version of the original color is **67.6041, 29.8848, 26.8741**, and **35.3843, 50.6921, 21.4192** is the 20% darker color. If you saturate the color by 10%, you get **51.6471, 62.7358, 30.2436**, and if you desaturate by 10%, it is **59.4961, 45.7209, 26.7908**.

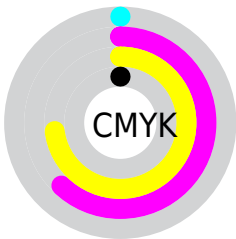
Distribution



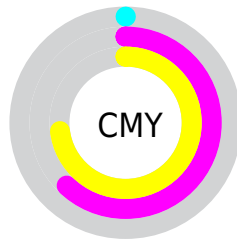
- Red (100%)
- Green (38%)
- Blue (27%)



- Red (100%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (62%)
- Yellow (73%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.1589, 54.5394, 28.8916 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 55.1589, 54.5394, 28.8916 by changing the saturation by 10% instead.


 55.1589, 54.5394,
28.8916


 55.1589, 54.5394,
28.8916


174.3240, 67.8739,
56.0695


 44.9030, 52.5697,
25.2632


 77.6765, 58.1572,
35.6286

 35.3743, 50.5170,
21.4086


 89.8615, 59.8145,
38.7946


 26.6352, 48.4179,
17.4075


 102.6244, 61.3741,
41.8556

 18.7648, 46.3865,
13.1354

 115.9400, 62.8407,
44.8282

 11.8722, 44.7680,
8.3106

 129.7865, 64.2193,
47.7258

 4.7298, 63.7083,
3.3108

144.1441, 65.5148,


0.0000, INF, NaN


50.5594


0.0000, NaN, NaN


158.9952, 66.7316,
53.3381


0.0000, NaN, NaN


 55.1589, 54.5394,
28.8916


 55.1589, 54.5394,
28.8916


 51.6471, 62.7358,
30.2436


 59.4961, 45.7209,
26.7908

 49.0230, 69.7358,
30.7364

 64.5617, 36.7669,
24.1077

 47.7096, 73.6122,
30.6871

 70.2600, 27.9845,
21.0070

 76.5005, 19.5445,
17.6208

 83.2047, 11.5180,
14.0445

90.3064, 3.9147,
10.3429

97.7516, -3.2883,
6.5579

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.



55.1605, 73.4624, 11.5941



55.1589, 54.5394, 28.8916



55.1605, 21.2312, 34.6884

Triad

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



55.1605, 54.5346, 28.8924



55.1605, -50.0792, 20.3134



55.1605, 7.2796, -94.0827

Complementary

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



55.1589, 54.5394, 28.8916



79.2923, -31.3856, -22.4315

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.



55.1605, -23.5649, -86.5848



55.1589, 54.5394, 28.8916



55.1605, -52.1436, -7.2408

Square

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



55.1605, 54.5346, 28.8924



55.1605, -37.1153, 32.1092



55.1605, -43.6099, -49.2584



55.1605, 42.3117, -66.0979

Rectangle

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



55.1589, 54.5394, 28.8916



55.1605, -1.9347, 35.5218



55.1605, -43.6099, -49.2584



55.1605, -3.9505, -95.8643

Sweetspot

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



55.1605, 54.5346, 28.8924



83.8570, 10.7849, 13.7009



55.7385, 85.7880, -41.5326



37.9309, 5.9720, 6.7956

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.1605, 54.5346, 28.8924



50.2061, 66.4661, 30.6019



76.4677, 7.8880, 42.8916



42.9468, 0.6459, 4.1870



34.6824, 52.5783, 22.2916



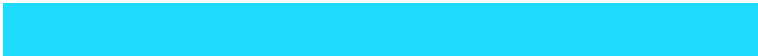
11.3906, 14.6369, 7.2751

Inverse Universe

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



79.2923, -31.3856, -22.4315



76.6110, -31.0929, -26.5548



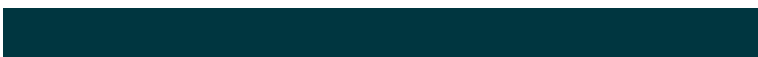
50.5600, 14.0557, -79.5416



44.6882, -5.1104, 0.5806



54.2311, -21.6683, -21.0085



17.2851, -7.2354, -5.9857

Previews

White Background



This preview shows how the HunterLab color 55.1589, 54.5394, 28.8916 looks on a white background.

Color Contrast Check

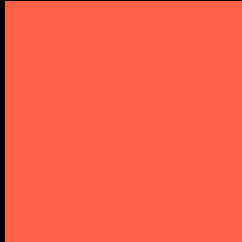
Large Text (above 18pt) WCAG AA × Fail

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 55.1589, 54.5394, 28.8916 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.1589, 54.5394, 28.8916 Background



This preview shows how black text looks on a background with the HunterLab color 55.1589, 54.5394, 28.8916.



This preview shows how white text looks on a background with the HunterLab color 55.1589, 54.5394,

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

55.1589, 54.5394, 28.8916

Protanopia

55.2122, -5.7646, 24.4663

Deuteranopia

55.2499, 3.8073, 29.6711



Tritanopia

55.1217, 57.9425, 21.7372

Trichromacy



Original Color

55.1589, 54.5394, 28.8916

Protanomaly

53.6820, 15.2972, 24.9641

Deuteranomaly

54.3458, 21.9485, 28.7414

Tritanomaly

55.0881, 56.6206, 24.7642

Monochromacy



Original Color

55.1589, 54.5394, 28.8916

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.2121, 15.2361, 13.0453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1589, 54.5394, 28.8916 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, 98, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 69)  
}
```

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, 98, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1589, 54.5394, 28.8916 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, 98, 69) }
```


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

```
.border{ border-color:rgb(255, 98, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 98, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1589, 54.5394, 28.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 69) }
```

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

```
.background{ background-color: rgb(255, 98,  
69) }
```

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