

Converting Colors

HunterLab(58.2388, 45.5790,
32.9845)

Have a look what the booklet for
HunterLab(58.2388, 45.5790,
32.9845) contains.

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Color

**HunterLab(58.3323, 45.3364,
33.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7437
RGB	255, 116, 55
RGB Percent	100%, 45%, 22%
CMY	0.0000, 0.5451, 0.7843
CMYK	0.00, 0.55, 0.78, 0.00
HSL	18°, 100%, 61%
HSV	18°, 78%, 100%
XYZ	48.1749, 34.0266, 7.6431
YIQ	150.6070, 102.4250, 10.4970

Conversions

Conversions Part 2

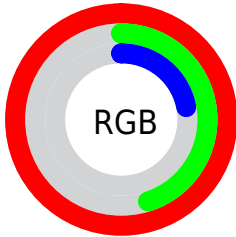
Format	Color
R _Y B	255, 143, 55
Decimal	16741431
CIE Lab	64.99, 49.58, 57.13
CIE LCh	65, 75.643, 49.043
Yxy	34.0285, 0.5362, 0.3787
Android (android.graphics.Color)	4294931511 (0xFFFF7437)
YUV	150.6070, -47.1343, 91.5527
Hunter-Lab	58.3323, 45.3364, 33.0640

Details

The HunterLab color **58.3323, 45.3364, 33.0640** 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 **68.2733, -17.7337, -40.3995**, and the grayscale version is **55.6279, -2.9682, 3.0224**.

A 20% lighter version of the original color is **71.7122, 19.8790, 33.2631**, and **38.1072, 42.0243, 24.2172** is the 20% darker color. If you saturate the color by 10%, you get **54.9001, 53.0395, 33.4670**, and if you desaturate by 10%, it is **62.3074, 37.6242, 31.7375**.

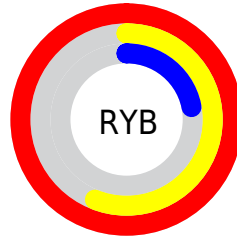
Distribution



Red (100%)

Green (45%)

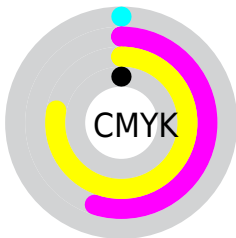
Blue (22%)



Red (100%)

Yellow (56%)

Blue (22%)

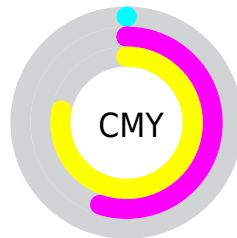


Cyan (0%)

Magenta (55%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.3323, 45.3364, 33.0640 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 58.3323, 45.3364, 33.0640 by changing the saturation by 10% instead.


 58.3323, 45.3364,
33.0640


 58.3323, 45.3364,
33.0640


178.9578, 55.9363,
64.7277


 47.8701, 43.6712,
28.8232


 81.2268, 48.3237,
40.9525


 38.1197, 41.8984,
24.3395


 93.5859, 49.6660,
44.6567


 29.1393, 40.0238,
19.9431


 106.5151, 50.9142,
48.2324

 21.0016, 38.0887,
14.7011

 119.9903, 52.0742,
51.6979

 13.8052, 36.2321,
9.6637

 133.9902, 53.1516,
55.0686

 7.4289, 37.1721,
5.2002

 148.4959, 54.1515,

0.0000, INF, NaN

58.3570

0.0000, NaN, NaN

163.4902, 55.0784,
61.5737

0.0000, NaN, NaN

■ 58.3323, 45.3364,
33.0640

■ 58.3323, 45.3364,
33.0640

■ 54.9001, 53.0395,
33.4670

■ 62.3074, 37.6242,
31.7375

■ 52.0472, 60.4082,
32.9979

■ 66.7678, 30.1444,
29.5607

■ 51.6508, 61.4938,
32.9035

■ 71.6607, 23.0286,
26.6463

■ 76.9351, 16.3431,
23.1102

■ 82.5452, 10.1063,
19.0575

88.4511, 4.3067,
14.5773

94.6185, -1.0835,
9.7421

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.



58.3339, 71.0097, 19.8225



58.3323, 45.3364, 33.0640



58.3339, 9.6242, 36.9702

Triad

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



58.3339, 45.3318, 33.0648



58.3339, -53.7957, 13.6518



58.3339, 19.3951, -89.3619

Complementary

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



58.3323, 45.3364, 33.0640



68.2733, -17.7337, -40.3995

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.



58.3339, -14.8482, -94.5357



58.3323, 45.3364, 33.0640



58.3339, -52.3259, -20.5310

Square

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



58.3339, 45.3318, 33.0648



58.3339, -44.1860, 30.7337



58.3339, -39.5823, -64.5334



58.3339, 53.8573, -52.8758

Rectangle

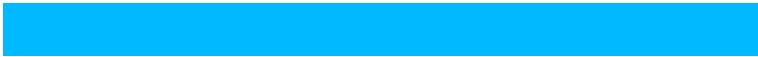
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



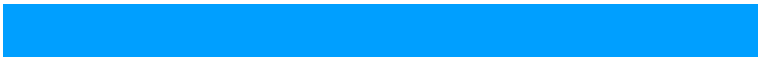
58.3323, 45.3364, 33.0640



58.3339, -12.8872, 37.0475



58.3339, -39.5823, -64.5334



58.3339, 7.3446, -95.3708

Sweetspot

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



58.3339, 45.3318, 33.0648



85.1279, 7.4843, 17.1207



52.8512, 84.6764, -23.8706



38.4212, 4.4350, 8.6444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3339, 45.3318, 33.0648



53.2387, 57.2149, 33.2912



83.7475, -5.3957, 48.9513



43.4632, -0.2421, 4.7544



37.6419, 43.5682, 23.9575



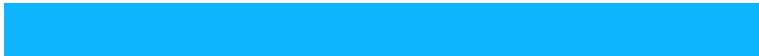
12.5005, 11.5185, 7.9044

Inverse Universe

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



68.2733, -17.7337, -40.3995



63.8215, -13.9211, -48.8075



40.2702, 34.6578, -113.8692



44.1489, -4.2422, -0.0647



45.3028, -9.1179, -36.9417



14.8034, -3.8355, -10.2233

Previews

White Background



This preview shows how the HunterLab color 58.3323, 45.3364, 33.0640 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 58.3323, 45.3364, 33.0640 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 58.3323, 45.3364, 33.0640 Background



This preview shows how black text looks on a background with the HunterLab color 58.3323, 45.3364, 33.0640.



This preview shows how white text looks on a background with the HunterLab color 58.3323, 45.3364,

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

58.3323, 45.3364, 33.0640

Protanopia

58.3858, -6.9589, 30.4628

Deuteranopia

58.3098, 4.0287, 33.5778



Tritanopia

58.2554, 51.8537, 19.3605

Trichromacy



Original Color

58.3323, 45.3364, 33.0640

Protanomaly

57.4308, 11.0657, 30.7274

Deuteranomaly

57.8363, 18.6439, 33.0983

Tritanomaly

58.2207, 48.9899, 25.7076

Monochromacy



Original Color

58.3323, 45.3364, 33.0640

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

55.0061, 11.5644, 16.2872

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3323, 45.3364, 33.0640 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, 116, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 55)  
}
```

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, 116, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3323, 45.3364, 33.0640 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, 116, 55) }
```


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

```
.border{ border-color:rgb(255, 116, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3323, 45.3364, 33.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 55) }
```

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

```
.background{ background-color: rgb(255,  
116, 55) }
```

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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