

Converting Colors

HunterLab(52.5692, 58.8589,
33.4233)

Have a look what the booklet for
HunterLab(52.5692, 58.8589,
33.4233) contains.

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Color

**HunterLab(52.5363, 58.9522,
33.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5400
RGB	255, 84, 0
RGB Percent	100%, 33%, 0%
CMY	0.0000, 0.6705, 1.0000
CMYK	0.00, 0.67, 1.00, 0.00
HSL	20°, 100%, 50%
HSV	20°, 100%, 100%
XYZ	44.4103, 27.6006, 2.9868
YIQ	125.5530, 128.8800, 10.1280

Conversions

Conversions Part 2

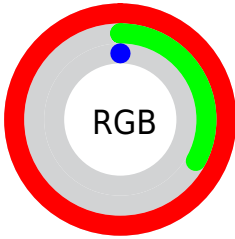
Format	Color
R_{YB}	255, 125, 0
Decimal	16733184
CIE _{Lab}	59.53, 62.44, 69.90
CIE _{LCh}	60, 93.727, 48.227
Yxy	27.6023, 0.5921, 0.3680
Android (android.graphics.Color)	4294923264 (0xFFFF5400)
YUV	125.5530, -61.8976, 113.5250
Hunter-Lab	52.5363, 58.9522, 33.4047

Details

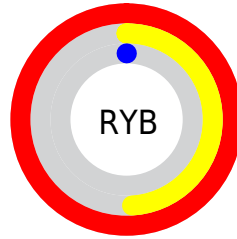
The HunterLab color **52.5363, 58.9522, 33.4047** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **60.2849, -8.9385, -56.0549**, and the grayscale version is **45.7030, -2.4386, 2.4831**.

A 20% lighter version of the original color is **63.7990, 33.1356, 35.1027**, and **33.2538, 55.0984, 21.4554** is the 20% darker color. If you saturate the color by 10%, you get **52.5374, 58.9481, 33.4053**, and if you desaturate by 10%, it is **55.3724, 51.6592, 34.0090**.

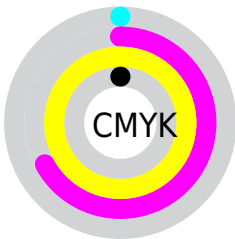
Distribution



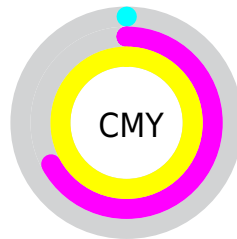
- Red (100%)
- Green (33%)
- Blue (0%)



- Red (100%)
- Yellow (49%)
- Blue (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.5363, 58.9522, 33.4047 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 52.5363, 58.9522, 33.4047 by changing the saturation by 10% instead.

52.5363, 58.9522,
33.4047

52.5363, 58.9522,
33.4047

170.4586, 73.6606,
71.9481

42.4571, 56.8429,
28.2005

74.7321, 62.8769,
43.1119

33.1190, 54.6767,
23.1833

86.7686, 64.6918,
47.6565

24.5882, 52.5197,
17.2117

99.3899, 66.4084,
52.0276

16.9498, 50.5620,
11.8648

112.5699, 68.0304,
56.2470

10.3236, 49.3860,
7.2265

126.2860, 69.5623,
60.3337


0.0000, INF, NaN

0.0000, INF, NaN


140.5179, 71.0084,


64.3038


0.0000, NaN, NaN


 155.2475, 72.3731,
68.1714

0.0000, NaN, NaN


 52.5363, 58.9522,
33.4047


 52.5363, 58.9522,
33.4047


 52.5374, 58.9481,
33.4053

 55.3724, 51.6592,
34.0090

 58.7411, 44.0980,
33.8063

 62.6122, 36.5902,
32.6599

 66.9390, 29.3407,
30.6263

 71.6730, 22.4713,
27.8055

76.7681, 16.0406,
24.3082

82.1827, 10.0635,
20.2385

87.8800, 4.5278,
15.6874

93.8284, -0.5940,
10.7312

Harmonies

Analogous

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



52.5379, 92.1368, 20.9962



52.5363, 58.9522, 33.4047



52.5379, 13.8433, 35.9182

Triad

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



52.5379, 58.9470, 33.4054



52.5379, -58.9269, 15.7158



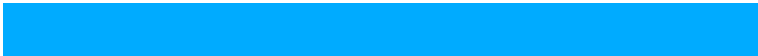
52.5379, 23.5068, -125.0925

Complementary

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



52.5363, 58.9522, 33.4047



60.2849, -8.9385, -56.0549

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.



52.5379, -17.6099, -131.2164



52.5363, 58.9522, 33.4047



52.5379, -57.7565, -25.5900

Square

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



52.5379, 58.9470, 33.4054



52.5379, -48.7760, 31.9935



52.5379, -44.8857, -86.3215



52.5379, 67.8194, -73.0611

Rectangle

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



52.5363, 58.9522, 33.4047



52.5379, -13.3743, 35.9976



52.5379, -44.8857, -86.3215



52.5379, 8.6697, -133.5140

Sweetspot

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



52.5379, 58.9470, 33.4054



82.1821, 10.0645, 20.2393



49.3211, 90.6792, -16.3135



36.9482, 5.7968, 10.1869

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.5379, 58.9470, 33.4054



52.5377, 58.9484, 33.4054



81.5436, -2.9185, 50.1956



43.5482, -0.3872, 4.8472



38.2944, 41.7166, 24.3271



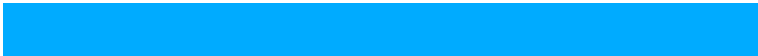
12.7202, 10.9459, 8.0298

Inverse Universe

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



60.2849, -8.9385, -56.0549



60.2847, -8.9379, -56.0561



30.3864, 58.7687, -164.8446



44.0609, -4.0997, -0.1707



43.9027, -6.9692, -39.8301



14.4111, -3.2579, -10.9797

Previews

White Background



This preview shows how the HunterLab color 52.5363, 58.9522, 33.4047 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 52.5363, 58.9522, 33.4047 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 52.5363, 58.9522, 33.4047 Background



This preview shows how black text looks on a background with the HunterLab color 52.5363, 58.9522, 33.4047.



This preview shows how white text looks on a background with the HunterLab color 52.5363, 58.9522,

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

52.5363, 58.9522, 33.4047

Protanopia

52.6375, -7.0955, 31.1428

Deuteranopia

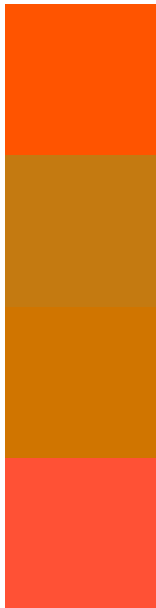
52.3756, 3.2923, 32.3313



Tritanopia

52.5713, 63.1997, 24.0412

Trichromacy



Original Color

52.5363, 58.9522, 33.4047

Protanomaly

50.6905, 16.3187, 30.9007

Deuteranomaly

51.1199, 23.5823, 31.9127

Tritanomaly

52.3468, 61.2441, 29.5131

Monochromacy



Original Color

52.5363, 58.9522, 33.4047

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.6424, 15.4171, 18.5358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.5363, 58.9522, 33.4047 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, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 0)  
}
```

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, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.5363, 58.9522, 33.4047 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, 84, 0) }
```


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

```
.border{ border-color:rgb(255, 84, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 84, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 84, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 52.5363, 58.9522, 33.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 0) }
```

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

```
.background{ background-color: rgb(255, 84,  
0) }
```

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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