

# Converting Colors

HunterLab(52.4182, 59.2632,  
33.3345)

Have a look what the booklet for  
HunterLab(52.4182, 59.2632,  
33.3345) contains.

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# Color

**HunterLab(52.3894, 59.3697,  
33.3215)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF5300
RGB	255, 83, 0
RGB Percent	100%, 33%, 0%
CMY	0.0000, 0.6745, 1.0000
CMYK	0.00, 0.67, 1.00, 0.00
HSL	20°, 100%, 50%
HSV	20°, 100%, 100%
XYZ	44.3332, 27.4465, 2.9611
YIQ	124.9660, 129.1550, 10.6510

# Conversions

## Conversions Part 2

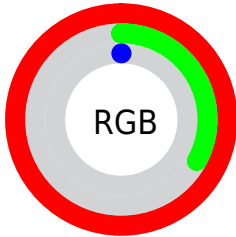
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 123, 0
Decimal	16732928
CIELab	59.39, 62.82, 69.83
CIElCh	59, 93.930, 48.024
Yxy	27.4481, 0.5931, 0.3672
Android (android.graphics.Color)	4294923008 (0xFFFF5300)
YUV	124.9660, -61.6082, 114.0398
Hunter-Lab	52.3894, 59.3697, 33.3215

# Details

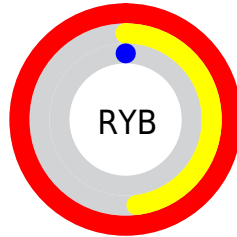
The HunterLab color **52.3894, 59.3697, 33.3215** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **60.5983, -9.4285, -55.3890**, and the grayscale version is **45.4722, -2.4263, 2.4706**.

A 20% lighter version of the original color is **63.5593, 33.6068, 35.0882**, and **33.1222, 55.5436, 21.3821** is the 20% darker color. If you saturate the color by 10%, you get **52.3906, 59.3655, 33.3221**, and if you desaturate by 10%, it is **55.2150, 52.0766, 33.9165**.

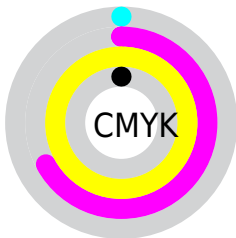
# Distribution



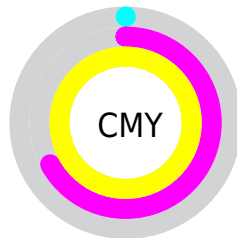
- Red (100%)
- Green (33%)
- Blue (0%)



- Red (100%)
- Yellow (48%)
- 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 52.3894, 59.3697, 33.3215 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 52.3894, 59.3697, 33.3215 by changing the saturation by 10% instead.



52.3894, 59.3697,  
33.3215

52.3894, 59.3697,  
33.3215

170.2411, 74.1931,  
71.8498

42.3203, 57.2494,  
28.1181

74.5668, 63.3194,  
43.0264

32.9931, 55.0747,  
23.0952

86.5950, 65.1474,  
47.5695

24.4742, 52.9145,  
17.1319

99.2082, 66.8772,  
51.9389

16.8491, 50.9656,  
11.7943

112.3805, 68.5123,  
56.1565

10.2383, 49.8321,  
7.1668

126.0891, 70.0571,  
60.2413


0.0000, INF, NaN

0.0000, INF, NaN


140.3139, 71.5159,


64.2095


0.0000, NaN, NaN


 155.0367, 72.8933,  
68.0751


0.0000, NaN, NaN


 52.3894, 59.3697,  
33.3215


 52.3894, 59.3697,  
33.3215


 52.3906, 59.3655,  
33.3221

 55.2150, 52.0766,  
33.9165

 58.5808, 44.4938,  
33.7059

 62.4561, 36.9496,  
32.5537

 66.7932, 29.6549,  
30.5177

 71.5428, 22.7356,  
27.6996

■ 76.6579, 16.2527,  
24.2107

■ 82.0961, 10.2227,  
20.1558

■ 87.8199, 4.6339,  
15.6260

■ 93.7972, -0.5410,  
10.6976

# Harmonies

## Analogous

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



52.3910, 92.4955, 20.8451



52.3894, 59.3697, 33.3215



52.3910, 14.1744, 35.8425

# Triad

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



52.3910, 59.3645, 33.3222



52.3910, -58.8899, 15.8992



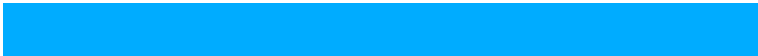
52.3910, 23.2494, -125.7686

# Complementary

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



52.3894, 59.3697, 33.3215



60.5983, -9.4285, -55.3890

# 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.



52.3910, -17.8523, -131.5362



52.3894, 59.3697, 33.3215



52.3910, -57.7950, -25.2883

# Square

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



52.3910, 59.3645, 33.3222



52.3910, -48.6705, 32.0088



52.3910, -45.0271, -86.1926



52.3910, 67.7037, -73.7116



# Rectangle

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



52.3894, 59.3697, 33.3215



52.3910, -13.1301, 35.9315



52.3910, -45.0271, -86.1926



52.3910, 8.4019, -134.1071

# Sweetspot

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



52.3910, 59.3645, 33.3222



82.0956, 10.2236, 20.1565



49.3210, 90.6791, -16.3135



36.9034, 5.8807, 10.1453

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.3910, 59.3645, 33.3222



52.3908, 59.3658, 33.3223



81.5435, -2.9184, 50.1956



43.5345, -0.3639, 4.8323



38.1865, 42.0196, 24.2660



12.6842, 11.0387, 8.0092

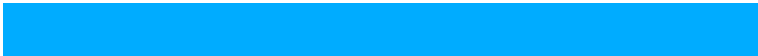


# Inverse Universe

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



60.5983, -9.4285, -55.3890



60.5982, -9.4280, -55.3901



30.3863, 58.7688, -164.8449



44.0750, -4.1226, -0.1537



44.1262, -7.3162, -39.3603



14.4738, -3.3511, -10.8569



# Previews

## White Background



This preview shows how the HunterLab color 52.3894, 59.3697, 33.3215 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 52.3894, 59.3697, 33.3215 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 52.3894, 59.3697, 33.3215 Background



This preview shows how black text looks on a background with the HunterLab color 52.3894, 59.3697, 33.3215.



This preview shows how white text looks on a background with the HunterLab color 52.3894, 59.3697, 33.3215.



# 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

52.3894, 59.3697, 33.3215

### Protanopia

52.5383, -7.4489, 31.0733

### Deuteranopia

52.3756, 3.2923, 32.3313



## Tritanopia

52.4180, 63.5418, 24.1557

# Trichromacy



## Original Color

52.3894, 59.3697, 33.3215

## Protanomaly

50.5585, 15.9086, 30.8105

## Deuteranomaly

51.1199, 23.5823, 31.9127

## Tritanomaly

52.2057, 61.6520, 29.4230

# Monochromacy



## Original Color

52.3894, 59.3697, 33.3215

## Achromatopsia

45.2856, -2.4163, 2.4605

## Achromatomaly

45.2788, 15.5224, 18.2344

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.3894, 59.3697, 33.3215 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, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 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, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.3894, 59.3697, 33.3215 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, 83, 0) }
```



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

```
.border{ border-color:rgb(255, 83, 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, 83, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 83, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 52.3894, 59.3697, 33.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 0) }
```

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

```
.background{ background-color: rgb(255, 83,  
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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