

# Converting Colors

HunterLab(52.9094, 55.5652,  
33.5753)

Have a look what the booklet for  
HunterLab(52.9094, 55.5652,  
33.5753) contains.

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# Color

**HunterLab(52.7638, 55.5588,  
33.4855)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FC5900
RGB	252, 89, 0
RGB Percent	99%, 35%, 0%
CMY	0.0118, 0.6509, 1.0000
CMYK	0.00, 0.65, 1.00, 0.01
HSL	21°, 100%, 49%
HSV	21°, 100%, 99%
XYZ	43.7172, 27.8402, 3.0695
YIQ	127.5910, 125.7170, 6.8770

# Conversions

## Conversions Part 2

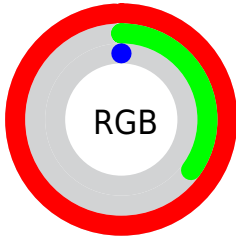
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">252, 138, 0</a>
Decimal	<a href="#">16537856</a>
<a href="#">CIELab</a>	<a href="#">59.75, 59.47, 69.72</a>
<a href="#">CIELCh</a>	<a href="#">60, 91.642, 49.537</a>
<a href="#">Yxy</a>	<a href="#">27.8418, 0.5858, 0.3731</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294727936 (0xFFFC5900)</a>
<a href="#">YUV</a>	<a href="#">127.5910, -62.9024, 109.1067</a>
<a href="#">Hunter-Lab</a>	<a href="#">52.7638, 55.5588, 33.4855</a>

# Details

The HunterLab color **52.7638, 55.5588, 33.4855** 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 **57.6366, -5.8907, -59.3242**, and the grayscale version is **46.5065, -2.4815, 2.5268**.

A 20% lighter version of the original color is **64.7334, 31.0663, 35.7115**, and **33.3682, 51.7891, 21.4680** is the 20% darker color. If you saturate the color by 10%, you get **52.7650, 55.5548, 33.4861**, and if you desaturate by 10%, it is **55.6172, 48.3958, 34.1255**.

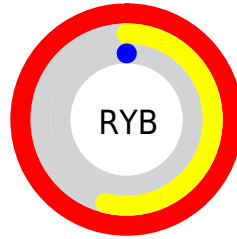
# Distribution



Red (99%)

Green (35%)

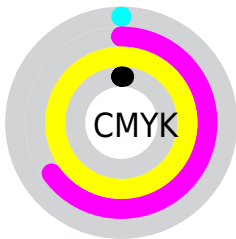
Blue (0%)



Red (99%)

Yellow (54%)

Blue (0%)

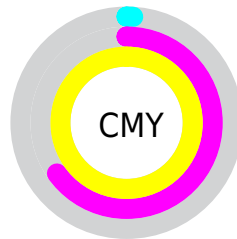


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.7638, 55.5588, 33.4855 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 52.7638, 55.5588, 33.4855 by changing the saturation by 10% instead.



52.7638, 55.5588,  
33.4855

52.7638, 55.5588,  
33.4855

170.7953, 69.4338,  
71.9129

42.6690, 53.5313,  
28.2975

74.9879, 59.3019,  
43.1613

33.3141, 51.4323,  
23.3199

87.0375, 61.0224,  
47.6914

24.7649, 49.3139,  
17.3354

99.6712, 62.6443,  
52.0489

17.1059, 47.3330,  
11.9741

112.8631, 64.1718,  
56.2557

10.4560, 45.9771,  
7.3192

126.5906, 65.6099,  
60.3304

0.0000, INF, NaN

0.0000, INF, NaN


140.8335, 66.9633,


64.2893


0.0000, NaN, NaN


 155.5738, 68.2365,  
68.1462


0.0000, NaN, NaN


 52.7638, 55.5588,  
33.4855


 52.7638, 55.5588,  
33.4855


 52.7650, 55.5548,  
33.4861

 55.6172, 48.3958,  
34.1255

 58.9511, 41.0884,  
33.9636

 62.7392, 33.9144,  
32.8599

 66.9407, 27.0432,  
30.8619

 71.5131, 20.5722,  
28.0604

76.4162, 14.5449,  
24.5583

81.6131, 8.9686,  
20.4550

87.0715, 3.8278,  
15.8390

92.7632, -0.9055,  
10.7862

# Harmonies

## Analogous

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



52.7654, 88.6740, 21.6657



52.7638, 55.5588, 33.4855



52.7654, 11.5808, 35.9230

# Triad

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



52.7654, 55.5537, 33.4862



52.7654, -58.3688, 14.3055



52.7654, 24.8313, -119.2530

# Complementary

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



52.7638, 55.5588, 33.4855



57.6366, -5.8907, -59.3242

# 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.



52.7654, -15.8217, -127.4982



52.7638, 55.5588, 33.4855



52.7654, -56.7251, -27.1764

# Square

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



52.7654, 55.5537, 33.4862



52.7654, -48.7952, 31.4333



52.7654, -43.3683, -85.9980



52.7654, 67.6547, -68.0728



# Rectangle

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



52.7638, 55.5588, 33.4855



52.7654, -14.7363, 35.9432



52.7654, -43.3683, -85.9980



52.7654, 10.2615, -128.0736

# Sweetspot

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



52.7654, 55.5537, 33.4862



82.7083, 9.1010, 20.7411



48.3410, 88.3145, -11.6277



37.2208, 5.2884, 10.4389

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.7654, 55.5537, 33.4862



53.4639, 56.3524, 33.9307



82.9997, -7.0908, 51.0198



42.6944, -0.5209, 4.8263



38.4101, 39.1959, 24.3543



12.4809, 9.8577, 7.8632

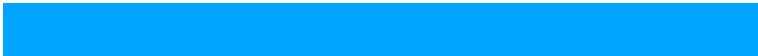


# Inverse Universe

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



57.6366, -5.8907, -59.3242



58.4000, -5.9421, -60.1677



28.9860, 61.7061, -169.4353



43.0307, -3.8726, -0.2625



41.9432, -4.8048, -42.0533



13.5231, -2.6446, -11.1938



# Previews

## White Background



This preview shows how the HunterLab color 52.7638, 55.5588, 33.4855 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 52.7638, 55.5588, 33.4855 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 52.7638, 55.5588, 33.4855 Background



This preview shows how black text looks on a background with the HunterLab color 52.7638, 55.5588, 33.4855.



This preview shows how white text looks on a background with the HunterLab color 52.7638, 55.5588,



# 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

52.7638, 55.5588, 33.4855

### Protanopia

53.0207, -7.2200, 31.4518

### Deuteranopia

52.7602, 3.2021, 32.5667



## Tritanopia

52.8635, 61.7554, 23.5424

# Trichromacy



## Original Color

52.7638, 55.5588, 33.4855

## Protanomaly

51.2931, 14.4300, 31.2462

## Deuteranomaly

51.6704, 21.6732, 32.2185

## Tritanomaly

52.5885, 58.8327, 29.3597

# Monochromacy



## Original Color

52.7638, 55.5588, 33.4855

## Achromatopsia

46.4608, -2.4790, 2.5243

## Achromatomaly

46.3820, 14.0276, 18.8750

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.7638, 55.5588, 33.4855 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(252, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 89, 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(252, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 89, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.7638, 55.5588, 33.4855 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(252, 89, 0) }
```



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

```
.border{ border-color:rgb(252, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 89, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 52.7638, 55.5588, 33.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 89, 0) }
```

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

```
.background{ background-color: rgb(252, 89,  
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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