

# Converting Colors

HunterLab(53.7400, 52.8907,  
34.0403)

Have a look what the booklet for  
HunterLab(53.7400, 52.8907,  
34.0403) contains.

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# Color

**HunterLab(53.7400, 52.8907,  
34.0403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FC5F00
RGB	252, 95, 0
RGB Percent	99%, 37%, 0%
CMY	0.0118, 0.6274, 1.0000
CMYK	0.00, 0.62, 1.00, 0.01
HSL	23°, 100%, 49%
HSV	23°, 100%, 99%
XYZ	44.2371, 28.8799, 3.2428
YIQ	131.1130, 124.0670, 3.7390

# Conversions

## Conversions Part 2

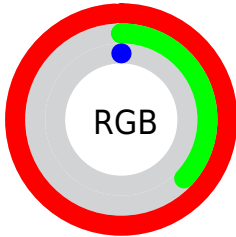
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 152, 0
Decimal	16539392
CIE <sub>Lab</sub>	60.68, 56.98, 70.20
CIE <sub>LCh</sub>	61, 90.419, 50.936
Yxy	28.8816, 0.5793, 0.3782
Android (android.graphics.Color)	4294729472 (0xFFFC5F00)
YUV	131.1130, -64.6387, 106.0179
Hunter-Lab	53.7400, 52.8907, 34.0403

# Details

The HunterLab color **53.7400, 52.8907, 34.0403** 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 **55.8034, -2.8884, -63.5137**, and the grayscale version is **47.8998, -2.5558, 2.6025**.

A 20% lighter version of the original color is **66.1804, 27.9968, 36.5129**, and **34.3897, 49.4641, 22.0568** is the 20% darker color. If you saturate the color by 10%, you get **53.7410, 52.8871, 34.0408**, and if you desaturate by 10%, it is **56.6321, 45.8037, 34.7232**.

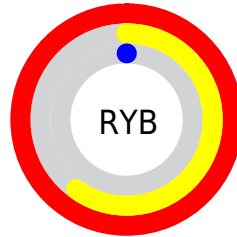
# Distribution



Red (99%)

Green (37%)

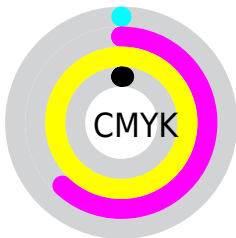
Blue (0%)



Red (99%)

Yellow (60%)

Blue (0%)

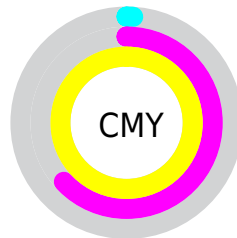


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (63%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7400, 52.8907, 34.0403 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 53.7400, 52.8907, 34.0403 by changing the saturation by 10% instead.





 53.7400, 52.8907,  
34.0403


 53.7400, 52.8907,  
34.0403


172.2370, 65.9898,  
72.5792

 43.5789, 50.9434,  
28.8452


 76.0847, 56.4598,  
43.7344


 34.1525, 48.9122,  
23.9068


 88.1899, 58.0915,  
48.2757


 25.5251, 46.8352,  
17.8675


 100.8766, 59.6248,  
52.6456

 17.7788, 44.8340,  
12.4452

 114.1194, 61.0648,  
56.8654

 11.0285, 43.2879,  
7.7200

 127.8957, 62.4165,  
60.9538


 2.7376, 101.3051,  
1.9163

 142.1857, 63.6849,


0.0000, INF, NaN


64.9268


0.0000, NaN, NaN


 156.9715, 64.8746,  
68.7980


0.0000, NaN, NaN


 53.7400, 52.8907,  
34.0403


 53.7400, 52.8907,  
34.0403


 53.7410, 52.8871,  
34.0408

 56.6321, 45.8037,  
34.7232

 59.9629, 38.6745,  
34.5967

 63.7101, 31.7456,  
33.5173

 67.8373, 25.1586,  
31.5246

 72.3073, 18.9920,  
28.7015

77.0843, 13.2781,  
25.1449

82.1358, 8.0181,  
20.9508

87.4327, 3.1941,  
16.2064

92.9495, -1.2225,  
10.9878

# Harmonies

## Analogous

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



53.7416, 86.4011, 22.6517



53.7400, 52.8907, 34.0403



53.7416, 9.4340, 36.4326

# Triad

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



53.7416, 52.8857, 34.0410



53.7416, -58.6017, 12.9749



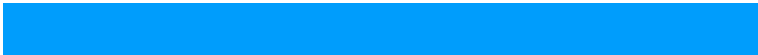
53.7416, 26.5680, -115.0750

# Complementary

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



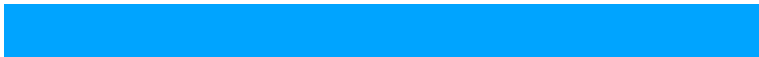
53.7400, 52.8907, 34.0403



55.8034, -2.8884, -63.5137

# 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.



53.7416, -14.1586, -125.5395



53.7400, 52.8907, 34.0403



53.7416, -56.4248, -29.2338

# Square

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



53.7416, 52.8857, 34.0410



53.7416, -49.5051, 31.2283



53.7416, -42.3657, -86.8936



53.7416, 68.4484, -64.0488



# Rectangle

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



53.7400, 52.8907, 34.0403



53.7416, -16.3428, 36.3895



53.7416, -42.3657, -86.8936



53.7416, 12.0756, -124.4087

# Sweetspot

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



53.7416, 52.8857, 34.0410



83.2381, 8.1373, 21.2441



48.1866, 87.7586, -9.4677



37.4958, 4.7799, 10.6917

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.7416, 52.8857, 34.0410



54.4528, 53.6485, 34.4927



84.2887, -9.1758, 51.7775



42.7755, -0.6589, 4.9146



39.1217, 37.2735, 24.7592

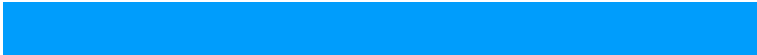


12.7050, 9.3028, 7.9916

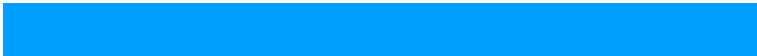


# Inverse Universe

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



55.8034, -2.8884, -63.5137



56.5409, -2.8966, -64.4183



28.5479, 63.4106, -172.5669



42.9472, -3.7367, -0.3636



40.6374, -2.6837, -44.9998



13.1660, -2.0955, -11.9327



# Previews

## White Background



This preview shows how the HunterLab color 53.7400, 52.8907, 34.0403 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 53.7400, 52.8907, 34.0403 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 53.7400, 52.8907, 34.0403 Background



This preview shows how black text looks on a background with the HunterLab color 53.7400, 52.8907, 34.0403.



This preview shows how white text looks on a background with the HunterLab color 53.7400, 52.8907,



# 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

53.7400, 52.8907, 34.0403

### Protanopia

53.7931, -7.4440, 32.0030

### Deuteranopia

53.6466, 3.4105, 33.1165



## Tritanopia

53.7200, 60.1110, 22.4667

# Trichromacy



## Original Color

53.7400, 52.8907, 34.0403

## Protanomaly

52.2935, 13.7520, 31.9079

## Deuteranomaly

52.6510, 21.0188, 32.8112

## Tritanomaly

53.5640, 56.4393, 29.2620

# Monochromacy



## Original Color

53.7400, 52.8907, 34.0403

## Achromatopsia

47.6409, -2.5420, 2.5884

## Achromatomaly

47.6396, 12.9965, 19.3979

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.7400, 52.8907, 34.0403 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, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 95, 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, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 95, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.7400, 52.8907, 34.0403 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, 95, 0) }
```



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

```
.border{ border-color:rgb(252, 95, 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, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 95, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 53.7400, 52.8907, 34.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 95, 0) }
```

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

```
.background{ background-color: rgb(252, 95,  
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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