

# Converting Colors

HunterLab(53.6546, 51.2537,  
33.9590)

Have a look what the booklet for  
HunterLab(53.6546, 51.2537,  
33.9590) contains.

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# Color

**HunterLab(53.7340, 51.1303,  
34.0057)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA6100
RGB	250, 97, 0
RGB Percent	98%, 38%, 0%
CMY	0.0196, 0.6196, 1.0000
CMYK	0.00, 0.61, 1.00, 0.02
HSL	23°, 100%, 49%
HSV	23°, 100%, 98%
XYZ	43.6991, 28.8734, 3.2700
YIQ	131.6890, 122.3250, 2.2690

# Conversions

## Conversions Part 2

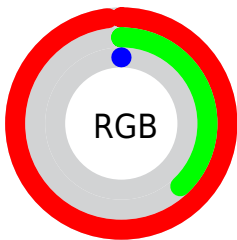
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 158, 0
Decimal	16408832
CIE Lab	60.67, 55.43, 70.02
CIE LCh	61, 89.305, 51.636
Yxy	28.8751, 0.5762, 0.3807
Android (android.graphics.Color)	4294598912 (0xFFFA6100)
YUV	131.6890, -64.9227, 103.7587
Hunter-Lab	53.7340, 51.1303, 34.0057

# Details

The HunterLab color **53.7340, 51.1303, 34.0057** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **54.4826, -1.4925, -64.8762**, and the grayscale version is **48.1288, -2.5680, 2.6149**.

A 20% lighter version of the original color is **66.4242, 27.4768, 36.6714**, and **34.3006, 47.8687, 21.9739** is the 20% darker color. If you saturate the color by 10%, you get **53.7347, 51.1276, 34.0062**, and if you desaturate by 10%, it is **56.6134, 44.1591, 34.6944**.

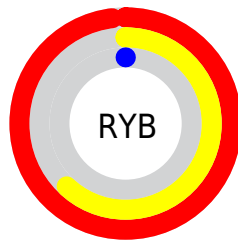
# Distribution



Red (98%)

Green (38%)

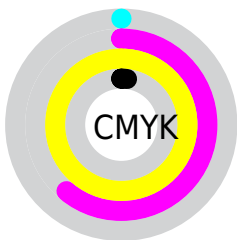
Blue (0%)



Red (98%)

Yellow (62%)

Blue (0%)

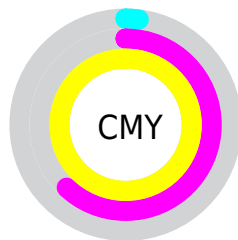


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7340, 51.1303, 34.0057 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 53.7340, 51.1303, 34.0057 by changing the saturation by 10% instead.



53.7340, 51.1303,  
34.0057

53.7340, 51.1303,  
34.0057

172.2281, 63.7866,  
72.4559

43.5733, 49.2294,  
28.8218

76.0780, 54.6005,  
43.6775

34.1474, 47.2394,  
23.8909

88.1828, 56.1817,  
48.2082

25.5204, 45.1930,  
17.8643

100.8692, 57.6647,  
52.5679

17.7747, 43.1999,  
12.4423

114.1117, 59.0548,  
56.7778

11.0250, 41.6072,  
7.7175

127.8877, 60.3572,  
60.8568

2.7260, 97.9113,  
1.9082

142.1774, 61.5769,

0.0000, INF, NaN

64.8207

0.0000, NaN, NaN

156.9629, 62.7186,  
68.6831

0.0000, NaN, NaN

53.7340, 51.1303,  
34.0057

53.7340, 51.1303,  
34.0057

53.7347, 51.1276,  
34.0062

56.6134, 44.1591,  
34.6944

59.9088, 37.1881,  
34.5793

63.5998, 30.4427,  
33.5160

67.6526, 24.0516,  
31.5403

72.0324, 18.0846,  
28.7307

76.7059, 12.5691,  
25.1806

81.6427, 7.5042,  
20.9832

86.8153, 2.8711,  
16.2240

92.1998, -1.3588,  
10.9782

# Harmonies

## Analogous

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



53.7356, 84.5327, 22.9264



53.7340, 51.1303, 34.0057



53.7356, 8.3094, 36.3498

# Triad

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



53.7356, 51.1254, 34.0064



53.7356, -58.1846, 12.1802



53.7356, 27.1850, -112.0593

# Complementary

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



53.7340, 51.1303, 34.0057



54.4826, -1.4925, -64.8762

# 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.



53.7356, -13.2043, -123.4837



53.7340, 51.1303, 34.0057



53.7356, -55.7589, -29.9900

# Square

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



53.7356, 51.1254, 34.0064



53.7356, -49.4084, 30.8220



53.7356, -41.4783, -86.5568



53.7356, 68.2250, -61.5657



# Rectangle

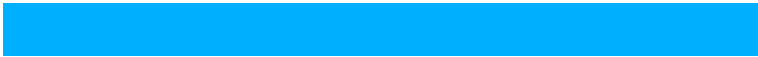
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.7340, 51.1303, 34.0057



53.7356, -16.9786, 36.2716



53.7356, -41.4783, -86.5568



53.7356, 12.8632, -121.5516

# Sweetspot

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



53.7356, 51.1254, 34.0064



83.4840, 7.6922, 21.4768



47.6054, 86.4374, -7.3202



37.6235, 4.5450, 10.8087

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.7356, 51.1254, 34.0064



54.9303, 52.3666, 34.7646



84.8227, -11.1565, 52.0719



42.8131, -0.7227, 4.9554



39.4646, 36.3644, 24.9545



12.8115, 9.0436, 8.0527

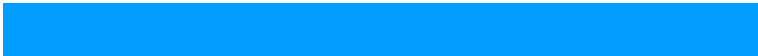


# Inverse Universe

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



54.4826, -1.4925, -64.8762



55.6913, -1.4726, -66.4304



27.9095, 64.3550, -173.8074



42.9086, -3.6739, -0.4104



40.0404, -1.6923, -46.3939



13.0023, -1.8394, -12.2811



# Previews

## White Background



This preview shows how the HunterLab color 53.7340, 51.1303, 34.0057 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 53.7340, 51.1303, 34.0057 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 53.7340, 51.1303, 34.0057 Background



This preview shows how black text looks on a background with the HunterLab color 53.7340, 51.1303, 34.0057.



This preview shows how white text looks on a background with the HunterLab color 53.7340, 51.1303,



# 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

53.7340, 51.1303, 34.0057

### Protanopia

53.7931, -7.4440, 32.0030

### Deuteranopia

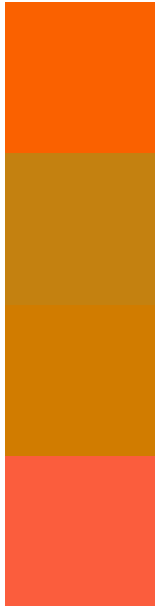
53.6466, 3.4105, 33.1165



## Tritanopia

53.7143, 58.5729, 21.9089

# Trichromacy



## Original Color

53.7340, 51.1303, 34.0057

## Protanomaly

52.4153, 12.8515, 31.9686

## Deuteranomaly

52.8873, 20.5206, 32.9481

## Tritanomaly

53.5489, 54.7602, 29.0670

# Monochromacy



## Original Color

53.7340, 51.1303, 34.0057

## Achromatopsia

48.0354, -2.5630, 2.6099

## Achromatomaly

47.9038, 12.5891, 19.3573

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.7340, 51.1303, 34.0057 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(250, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 97, 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(250, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 97, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.7340, 51.1303, 34.0057 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(250, 97, 0) }
```



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

```
.border{ border-color:rgb(250, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 97, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 53.7340, 51.1303, 34.0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 97, 0) }
```

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

```
.background{ background-color: rgb(250, 97,  
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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