

# Converting Colors

HunterLab(54.5980, 53.2571,  
34.5754)

Have a look what the booklet for  
HunterLab(54.5980, 53.2571,  
34.5754) contains.

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# Color

**HunterLab(54.5980, 53.2571,  
34.5754)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF6100
RGB	255, 97, 0
RGB Percent	100%, 38%, 0%
CMY	0.0000, 0.6196, 1.0000
CMYK	0.00, 0.62, 1.00, 0.00
HSL	23°, 100%, 50%
HSV	23°, 100%, 100%
XYZ	45.5147, 29.8094, 3.3549
YIQ	133.1840, 125.3050, 3.3290

# Conversions

## Conversions Part 2

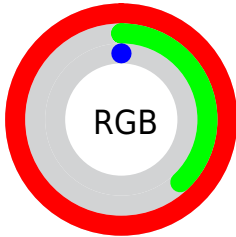
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	255, 157, 0
Decimal	16736512
CIE <sub>Lab</sub>	61.49, 57.17, 70.90
CIE <sub>LCh</sub>	61, 91.078, 51.121
Yxy	29.8111, 0.5785, 0.3789
Android (android.graphics.Color)	4294926592 (0xFFFF6100)
YUV	133.1840, -65.6597, 106.8326
Hunter-Lab	54.5980, 53.2571, 34.5754

# Details

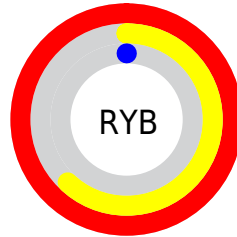
The HunterLab color **54.5980, 53.2571, 34.5754** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **56.2777, -2.4579, -65.0359**, and the grayscale version is **48.7217, -2.5997, 2.6471**.

A 20% lighter version of the original color is **66.6782, 27.0021, 36.6966**, and **34.9357, 49.6308, 22.3961** is the 20% darker color. If you saturate the color by 10%, you get **54.5990, 53.2536, 34.5759**, and if you desaturate by 10%, it is **57.5326, 46.0844, 35.2806**.

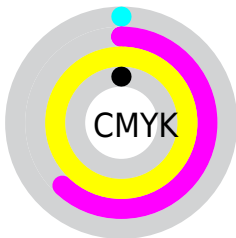
# Distribution



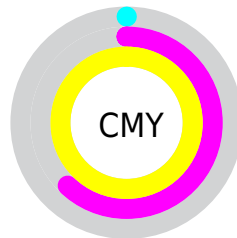
- Red (100%)
- Green (38%)
- Blue (0%)



- Red (100%)
- Yellow (62%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.5980, 53.2571, 34.5754 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 54.5980, 53.2571, 34.5754 by changing the saturation by 10% instead.



54.5980, 53.2571,  
34.5754

54.5980, 53.2571,  
34.5754

173.5002, 66.3430,  
73.3465

44.3794, 51.3123,  
29.3571

77.0476, 56.8209,  
44.3194

34.8909, 49.2824,  
24.3483

89.2012, 58.4504,  
48.8868

26.1956, 47.2025,  
18.3370

101.9341, 59.9820,  
53.2830

18.3739, 45.1856,  
12.8618

115.2211, 61.4205,  
57.5292

11.5371, 43.5788,  
8.0760

129.0399, 62.7712,  
61.6439


4.0627, 70.7085,  
2.8439

143.3709, 64.0388,


0.0000, INF, NaN


65.6430


0.0000, NaN, NaN


 158.1963, 65.2280,  
69.5400


0.0000, NaN, NaN


 54.5980, 53.2571,  
34.5754


 54.5980, 53.2571,  
34.5754


 54.5990, 53.2536,  
34.5759

 57.5326, 46.0844,  
35.2806

 60.9069, 38.8816,  
35.1618

 64.6986, 31.8900,  
34.0746

 68.8715, 25.2498,  
32.0576

 73.3884, 19.0387,  
29.1937

78.2138, 13.2880,  
25.5806

83.3150, 7.9984,  
21.3150

88.6630, 3.1512,  
16.4855

94.2324, -1.2825,  
11.1692

# Harmonies

## Analogous

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



54.5996, 87.2742, 23.0889



54.5980, 53.2571, 34.5754



54.5996, 9.2787, 36.9932

# Triad

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



54.5996, 53.2521, 34.5761



54.5996, -59.4260, 12.9683



54.5996, 27.1602, -116.0923

# Complementary

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



54.5980, 53.2571, 34.5754



56.2777, -2.4579, -65.0359

# 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.



54.5996, -14.1267, -126.9871



54.5980, 53.2571, 34.5754



54.5996, -57.1472, -29.9061

# Square

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



54.5996, 53.2521, 34.5761



54.5996, -50.2706, 31.6191



54.5996, -42.8033, -88.1917



54.5996, 69.4824, -64.3947



# Rectangle

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



54.5980, 53.2571, 34.5754



54.5996, -16.7772, 36.9402



54.5996, -42.8033, -88.1917



54.5996, 12.4822, -125.6190

# Sweetspot

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



54.5996, 53.2521, 34.5761



83.3141, 7.9995, 21.3161



48.8374, 88.9400, -9.5665



37.5352, 4.7072, 10.7279

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



54.5996, 53.2521, 34.5761



54.5992, 53.2538, 34.5761



85.4241, -9.2897, 52.4752



43.7259, -0.6898, 5.0408



39.8018, 37.6004, 25.1839

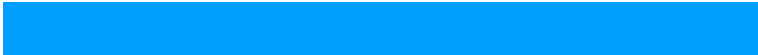


13.2111, 9.7130, 8.3106

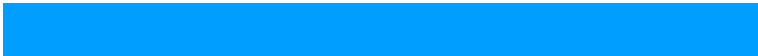


# Inverse Universe

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



56.2777, -2.4579, -65.0359



56.2772, -2.4570, -65.0378



28.9211, 64.3229, -175.0029



43.8776, -3.8018, -0.3923



41.0442, -2.3815, -46.1607



13.6062, -2.0295, -12.6255



# Previews

## White Background



This preview shows how the HunterLab color 54.5980, 53.2571, 34.5754 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

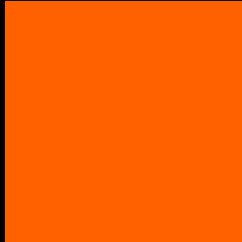
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.5980, 53.2571, 34.5754 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 54.5980, 53.2571, 34.5754 Background



This preview shows how black text looks on a background with the HunterLab color 54.5980, 53.2571, 34.5754.



This preview shows how white text looks on a background with the HunterLab color 54.5980, 53.2571,

34.5754.

# 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

54.5980, 53.2571, 34.5754

### Protanopia

54.6757, -7.2666, 32.5039

### Deuteranopia

54.5354, 3.6199, 33.6678



## Tritanopia

54.5686, 58.9824, 22.3698

# Trichromacy



## Original Color

54.5980, 53.2571, 34.5754

## Protanomaly

53.1837, 14.0049, 32.4255

## Deuteranomaly

53.5390, 21.2802, 33.3630

## Tritanomaly

54.4180, 56.0240, 29.5475

# Monochromacy



## Original Color

54.5980, 53.2571, 34.5754

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

48.4107, 12.9466, 19.5313

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.5980, 53.2571, 34.5754 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, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.5980, 53.2571, 34.5754 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, 97, 0) }
```



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

```
.border{ border-color:rgb(255, 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(255, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 97, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 54.5980, 53.2571, 34.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 0) }
```

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

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