

# Converting Colors

HunterLab(53.8630, 55.8974,  
32.7662)

Have a look what the booklet for  
HunterLab(53.8630, 55.8974,  
32.7662) contains.

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# Color

**HunterLab(53.8639, 55.9060,  
32.7425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5C1F
RGB	255, 92, 31
RGB Percent	100%, 36%, 12%
CMY	0.0000, 0.6392, 0.8784
CMYK	0.00, 0.64, 0.88, 0.00
HSL	16°, 100%, 56%
HSV	16°, 88%, 100%
XYZ	45.3144, 29.0132, 4.5081
YIQ	133.7830, 116.7290, 15.5850

# Conversions

## Conversions Part 2

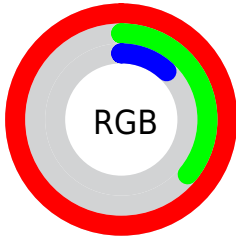
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 115, 31
Decimal	16735263
CIE Lab	60.79, 59.59, 63.21
CIE LCh	61, 86.875, 46.688
Yxy	29.0149, 0.5748, 0.3680
Android (android.graphics.Color)	4294925343 (0xFFFF5C1F)
YUV	133.7830, -50.6720, 106.3073
Hunter-Lab	53.8639, 55.9060, 32.7425

# Details

The HunterLab color **53.8639, 55.9060, 32.7425** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **67.8901, -19.1469, -41.1240**, and the grayscale version is **48.9037, -2.6094, 2.6570**.

A 20% lighter version of the original color is **65.6353, 30.4455, 33.4005**, and **34.3888, 52.3247, 22.1062** is the 20% darker color. If you saturate the color by 10%, you get **51.0853, 63.2337, 32.4022**, and if you desaturate by 10%, it is **57.2927, 48.0485, 32.2059**.

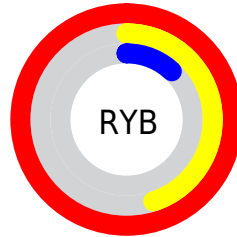
# Distribution



Red (100%)

Green (36%)

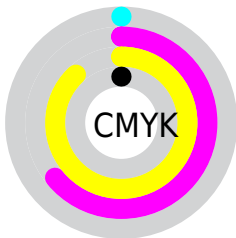
Blue (12%)



Red (100%)

Yellow (45%)

Blue (12%)

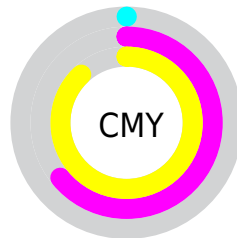


Cyan (0%)

Magenta (64%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (64%)


Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8639, 55.9060, 32.7425 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 53.8639, 55.9060, 32.7425 by changing the saturation by 10% instead.





 53.8639, 55.9060,  
32.7425


 53.8639, 55.9060,  
32.7425


172.4196, 69.7295,  
67.8338


 43.6945, 53.8846,  
27.9968


 76.2238, 59.6351,  
41.5595


 34.2591, 51.7890,  
23.1195


 88.3361, 61.3489,  
45.6855


 25.6218, 49.6659,  
17.9352


 101.0295, 62.9645,  
49.6573

 17.8646, 47.6571,  
12.5052

 114.2786, 64.4862,  
53.4960

 11.1017, 46.1938,  
7.7712

 128.0611, 65.9190,  
57.2192

 2.9662, 100.0123,  
2.0764

 142.3570, 67.2676,

0.0000, INF, NaN

60.8419

0.0000, NaN, NaN

157.1485, 68.5363,  
64.3765

0.0000, NaN, NaN

53.8639, 55.9060,  
32.7425

53.8639, 55.9060,  
32.7425

51.0853, 63.2337,  
32.4022

57.2927, 48.0485,  
32.2059

50.5687, 64.6852,  
32.2926

61.3198, 40.0691,  
30.7676

65.8861, 32.2404,  
28.5208

70.9290, 24.7346,  
25.5895

76.3894, 17.6401,  
22.0966

82.2147, 10.9866,  
18.1492

88.3595, 4.7680,  
13.8351

94.7852, -1.0421,  
9.2231

99.9999, -5.3361,  
5.4331

# Harmonies

## Analogous

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



53.8655, 84.8262, 19.1170



53.8639, 55.9060, 32.7425



53.8655, 14.7118, 36.0631

# Triad

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



53.8655, 55.9009, 32.7432



53.8655, -56.5373, 16.4312



53.8655, 19.3821, -112.4738

# Complementary

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



53.8639, 55.9060, 32.7425



67.8901, -19.1469, -41.1240

# 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.



53.8655, -18.4635, -115.2591



53.8639, 55.9060, 32.7425



53.8655, -55.9256, -20.6599

# Square

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



53.8655, 55.9009, 32.7432



53.8655, -45.8715, 31.9230



53.8655, -43.8826, -74.4353



53.8655, 60.1143, -68.3248



# Rectangle

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



53.8639, 55.9060, 32.7425



53.8655, -11.0038, 36.2361



53.8655, -43.8826, -74.4353



53.8655, 5.7621, -118.9756

# Sweetspot

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



53.8655, 55.9009, 32.7432



83.3243, 9.8090, 17.3799



51.1782, 90.4447, -26.8772



37.5888, 5.5683, 8.7054

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.8655, 55.9009, 32.7432



50.5689, 64.6855, 32.2927



79.9654, 0.1989, 48.3165



43.3497, -0.0477, 4.6302



36.8412, 45.9032, 23.5050



12.2224, 12.2628, 7.7461

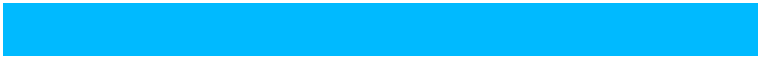


# Inverse Universe

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



67.8901, -19.1469, -41.1240



64.9211, -15.9671, -46.6772



37.0660, 39.7744, -127.7948



44.2668, -4.4328, 0.0770



47.2064, -11.9490, -33.2095



15.3352, -4.5987, -9.2405



# Previews

## White Background



This preview shows how the HunterLab color 53.8639, 55.9060, 32.7425 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 53.8639, 55.9060, 32.7425 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 53.8639, 55.9060, 32.7425 Background



This preview shows how black text looks on a background with the HunterLab color 53.8639, 55.9060, 32.7425.



This preview shows how white text looks on a background with the HunterLab color 53.8639, 55.9060,

32.7425.

# 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

53.8639, 55.9060, 32.7425

### Protanopia

53.9038, -6.8285, 30.3651

### Deuteranopia

53.7628, 3.8007, 33.1949



## Tritanopia

53.8793, 60.4449, 22.8624

# Trichromacy



## Original Color

53.8639, 55.9060, 32.7425

## Protanomaly

52.2855, 15.2242, 30.2082

## Deuteranomaly

52.7182, 22.4715, 32.5220

## Tritanomaly

53.7094, 58.6140, 27.7252

# Monochromacy



## Original Color

53.8639, 55.9060, 32.7425

## Achromatopsia

48.8260, -2.6052, 2.6528

## Achromatomaly

48.4992, 14.9210, 16.3207

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.8639, 55.9060, 32.7425 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, 92, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 31)  
}
```

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, 92, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 31) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.8639, 55.9060, 32.7425 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, 92, 31) }
```



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

```
.border{ border-color:rgb(255, 92, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
31) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.8639, 55.9060, 32.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 31) }
```

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

```
.background{ background-color: rgb(255, 92,  
31) }
```

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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