

# Converting Colors

HunterLab(53.1978, 58.2791,  
31.2155)

Have a look what the booklet for  
HunterLab(53.1978, 58.2791,  
31.2155) contains.

<b>HunterLab(53.1515, 58.3924, 31.2245)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(53.1515, 58.3924,  
31.2245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF572B
RGB	255, 87, 43
RGB Percent	100%, 34%, 17%
CMY	0.0000, 0.6588, 0.8314
CMYK	0.00, 0.66, 0.83, 0.00
HSL	12°, 100%, 58%
HSV	12°, 83%, 100%
XYZ	45.0842, 28.2508, 5.3623
YIQ	132.2160, 114.2520, 21.9320

# Conversions

## Conversions Part 2

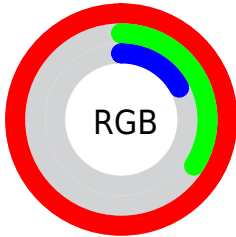
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 99, 43
Decimal	16733995
CIE <sub>Lab</sub>	60.12, 61.86, 57.92
CIE <sub>LCh</sub>	60, 84.742, 43.120
Yxy	28.2525, 0.5729, 0.3590
Android (android.graphics.Color)	4294924075 (0xFFFF572B)
YUV	132.2160, -43.9835, 107.6816
Hunter-Lab	53.1515, 58.3924, 31.2245

# Details

The HunterLab color **53.1515, 58.3924, 31.2245** 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 **73.7000, -26.4335, -31.1584**, and the grayscale version is **48.2591, -2.5750, 2.6220**.

A 20% lighter version of the original color is **64.8050, 33.0962, 31.0373**, and **33.7339, 54.4745, 21.7403** is the 20% darker color. If you saturate the color by 10%, you get **50.2922, 65.8149, 31.4923**, and if you desaturate by 10%, it is **56.7839, 50.1920, 30.0743**.

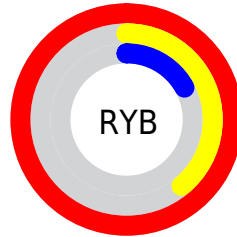
# Distribution



Red (100%)

Green (34%)

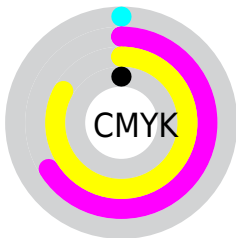
Blue (17%)



Red (100%)

Yellow (39%)

Blue (17%)

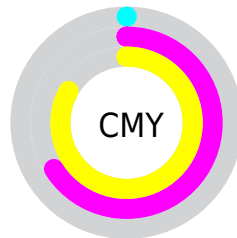


Cyan (0%)

Magenta (66%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (66%)


Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.1515, 58.3924, 31.2245 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 53.1515, 58.3924, 31.2245 by changing the saturation by 10% instead.





 53.1515, 58.3924,  
31.2245


 53.1515, 58.3924,  
31.2245


171.3684, 72.8942,  
63.7902


 43.0303, 56.3033,  
26.8155


 75.4237, 62.2712,  
39.3958


 33.6469, 54.1521,  
22.1678


 87.4954, 64.0623,  
43.2180


 25.0664, 51.9985,  
17.5465


 100.1502, 65.7552,  
46.8991

 17.3726, 50.0157,  
12.1608

 113.3624, 67.3538,  
50.4593

 10.6826, 48.7302,  
7.4778

 127.1094, 68.8626,  
53.9156

 1.1340, 269.0814,  
0.7938

 141.3710, 70.2860,

0.0000, INF, NaN

57.2821

0.0000, NaN, NaN

156.1294, 71.6285,  
60.5703

0.0000, NaN, NaN

■ 53.1515, 58.3924,  
31.2245

■ 53.1515, 58.3924,  
31.2245

■ 50.2922, 65.8149,  
31.4923

■ 56.7839, 50.1920,  
30.0743

■ 48.7855, 70.1637,  
31.2897

■ 61.1199, 41.7056,  
28.1190

■ 66.0816, 33.2791,  
25.5007

■ 71.5885, 25.1308,  
22.3659

■ 77.5666, 17.3725,  
18.8406

83.9515, 10.0433,  
15.0228

90.6888, 3.1385,  
10.9853

97.7330, -3.3700,  
6.7804

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



53.1531, 83.7690, 15.8781



53.1515, 58.3924, 31.2245



53.1531, 19.0116, 35.2930

# Triad

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



53.1531, 58.3873, 31.2253



53.1531, -54.5403, 18.8022



53.1531, 13.9703, -111.0904

# Complementary

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



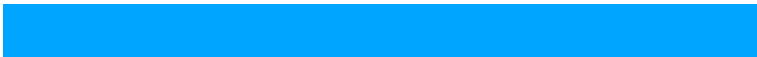
53.1515, 58.3924, 31.2245



73.7000, -26.4335, -31.1584

# 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.



53.1531, -21.6458, -108.1149



53.1515, 58.3924, 31.2245



53.1531, -55.2091, -14.5146

# Square

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



53.1531, 58.3873, 31.2253



53.1531, -42.6657, 32.1372



53.1531, -44.8326, -65.5468



53.1531, 53.8528, -72.0894



# Rectangle

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



53.1515, 58.3924, 31.2245



53.1531, -6.5886, 35.6690



53.1531, -44.8326, -65.5468



53.1531, 1.0176, -115.4751

# Sweetspot

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



53.1531, 58.3873, 31.2253



82.7338, 11.3764, 15.7528



52.6987, 90.8989, -36.4610



37.2299, 6.4449, 7.9145

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.1531, 58.3873, 31.2253



48.7857, 70.1640, 31.2899



76.7271, 6.2294, 45.6217



43.1252, 0.3380, 4.3837



35.5055, 49.9640, 22.7530



11.7282, 13.6451, 7.4657

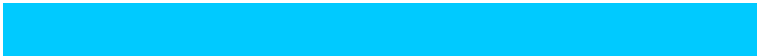


# Inverse Universe

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



73.7000, -26.4335, -31.1584



70.3497, -23.6859, -36.8000



42.6215, 27.0238, -104.8698



44.5010, -4.8101, 0.3575



51.0710, -17.4218, -26.2255



16.4100, -6.0804, -7.3852



# Previews

## White Background



This preview shows how the HunterLab color 53.1515, 58.3924, 31.2245 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 53.1515, 58.3924, 31.2245 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 53.1515, 58.3924, 31.2245 Background



This preview shows how black text looks on a background with the HunterLab color 53.1515, 58.3924, 31.2245.



This preview shows how white text looks on a background with the HunterLab color 53.1515, 58.3924,



# 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

53.1515, 58.3924, 31.2245

### Protanopia

53.1391, -6.3641, 28.1663

### Deuteranopia

53.2035, 3.4238, 31.9403



## Tritanopia

53.2027, 61.8061, 23.5764

# Trichromacy



## Original Color

53.1515, 58.3924, 31.2245

## Protanomaly

51.3888, 16.4120, 28.0668

## Deuteranomaly

51.8099, 23.4600, 30.9301

## Tritanomaly

53.1271, 60.4331, 26.9526

# Monochromacy



## Original Color

53.1515, 58.3924, 31.2245

## Achromatopsia

48.0354, -2.5630, 2.6099

## Achromatomaly

47.7053, 16.3339, 14.6974

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.1515, 58.3924, 31.2245 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, 87, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 43)  
}
```

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, 87, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 43) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.1515, 58.3924, 31.2245 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, 87, 43) }
```



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

```
.border{ border-color:rgb(255, 87, 43) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
43) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.1515, 58.3924, 31.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 43) }
```

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

```
.background{ background-color: rgb(255, 87,  
43) }
```

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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