

# Converting Colors

HunterLab(50.7913, 64.3392,  
31.7310)

Have a look what the booklet for  
HunterLab(50.7913, 64.3392,  
31.7310) contains.

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# Color

**HunterLab(50.8037, 64.2917,  
31.7627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4712
RGB	255, 71, 18
RGB Percent	100%, 28%, 7%
CMY	0.0000, 0.7215, 0.9294
CMYK	0.00, 0.72, 0.93, 0.00
HSL	13°, 100%, 54%
HSV	13°, 93%, 100%
XYZ	43.6024, 25.8102, 3.2560
YIQ	119.9740, 126.6770, 22.5250

# Conversions

## Conversions Part 2

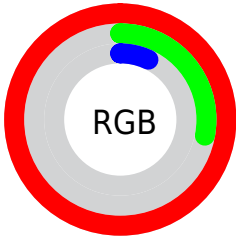
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 86, 18
Decimal	16729874
CIE <sub>Lab</sub>	57.86, 67.27, 65.26
CIE <sub>LCh</sub>	58, 93.724, 44.132
Yxy	25.8117, 0.6000, 0.3552
Android (android.graphics.Color)	4294919954 (0xFFFF4712)
YUV	119.9740, -50.2732, 118.4178
Hunter-Lab	50.8037, 64.2917, 31.7627

# Details

The HunterLab color **50.8037, 64.2917, 31.7627** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **70.4158, -23.3078, -36.6772**, and the grayscale version is **43.4850, -2.3203, 2.3626**.

A 20% lighter version of the original color is **61.4055, 39.1219, 32.4365**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **49.1832, 68.9171, 31.5130**, and if you desaturate by 10%, it is **53.7472, 56.7530, 31.5376**.

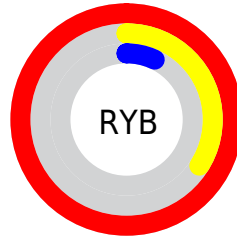
# Distribution



Red (100%)

Green (28%)

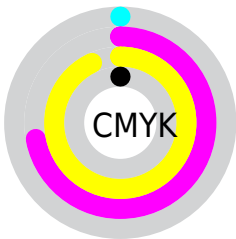
Blue (7%)



Red (100%)

Yellow (34%)

Blue (7%)

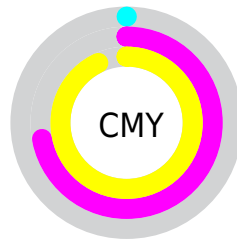


Cyan (0%)

Magenta (72%)

Yellow (93%)

Black (0%)



Cyan (0%)

Magenta (72%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8037, 64.2917, 31.7627 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 50.8037, 64.2917, 31.7627 by changing the saturation by 10% instead.





 50.8037, 64.2917,  
31.7627


 50.8037, 64.2917,  
31.7627


167.8859, 80.4171,  
68.2329


 40.8446, 62.0543,  
26.8101


 72.7812, 68.5186,  
40.9637


 31.6364, 59.7968,  
22.1440


 84.7173, 70.4939,  
45.2624


 23.2480, 57.6244,  
16.2736

 97.2429, 72.3724,  
49.3948

 15.7690, 55.8261,  
11.0383

 110.3313, 74.1562,  
53.3831

 9.3269, 55.3057,  
6.5289

 123.9593, 75.8486,  
57.2463


0.0000, INF, NaN

0.0000, INF, NaN


 138.1063, 77.4536,


61.0003


0.0000, NaN, NaN

 152.7541, 78.9751,  
64.6586


0.0000, NaN, NaN


 50.8037, 64.2917,  
31.7627


 50.8037, 64.2917,  
31.7627


 49.1832, 68.9171,  
31.5130

 53.7472, 56.7530,  
31.5376

 57.4217, 48.5852,  
30.4198

 61.7652, 40.2211,  
28.4846

 66.7022, 31.9749,  
25.8662

 72.1574, 24.0373,  
22.7057

78.0617, 16.5031,  
19.1264

84.3548, 9.4019,  
15.2262

90.9859, 2.7247,  
11.0791

97.9122, -3.5580,  
6.7397

# Harmonies

## Analogous

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



50.8052, 94.1934, 17.4596



50.8037, 64.2917, 31.7627



50.8052, 19.8228, 34.7802

# Triad

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



50.8052, 64.2863, 31.7634



50.8052, -57.1617, 18.8493



50.8052, 17.2411, -129.5106

# Complementary

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



50.8037, 64.2917, 31.7627



70.4158, -23.3078, -36.6772

# 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.



50.8052, -21.8987, -127.8475



50.8037, 64.2917, 31.7627



50.8052, -57.4676, -18.2831

# Square

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



50.8052, 64.2863, 31.7634



50.8052, -45.5985, 32.1206



50.8052, -46.6217, -77.9178



50.8052, 61.9045, -81.5060



# Rectangle

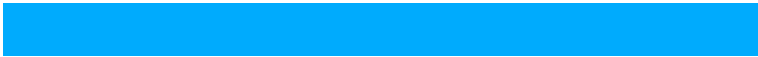
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.8037, 64.2917, 31.7627



50.8052, -8.0829, 35.0517



50.8052, -46.6217, -77.9178



50.8052, 2.8884, -135.4644

# Sweetspot

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



50.8052, 64.2863, 31.7634



81.1258, 12.9407, 17.2346



51.0249, 93.7133, -33.0428



36.2920, 7.4239, 8.7400

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



50.8052, 64.2863, 31.7634



49.1834, 68.9173, 31.5131



75.6346, 7.5895, 46.2899



43.1809, 0.2422, 4.4449



35.8058, 49.0323, 22.9217

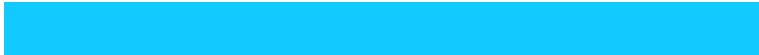


11.8437, 13.3149, 7.5311

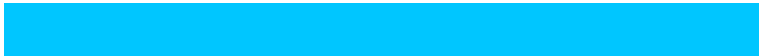


# Inverse Universe

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



70.4158, -23.3078, -36.6772



68.9859, -21.7922, -39.1834



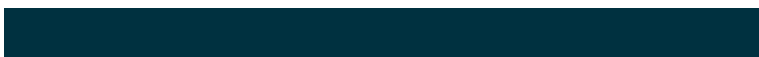
37.2417, 38.1636, -127.0014



44.4427, -4.7165, 0.2879



50.1004, -16.0787, -27.9118



16.1406, -5.7160, -7.8351



# Previews

## White Background



This preview shows how the HunterLab color 50.8037, 64.2917, 31.7627 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 50.8037, 64.2917, 31.7627 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 50.8037, 64.2917, 31.7627 Background



This preview shows how black text looks on a background with the HunterLab color 50.8037, 64.2917, 31.7627.



This preview shows how white text looks on a background with the HunterLab color 50.8037, 64.2917, 31.7627.

31.7627.

# 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

50.8037, 64.2917, 31.7627

### Protanopia

50.9426, -7.1333, 29.3231

### Deuteranopia

50.7273, 3.2644, 31.3151



## Tritanopia

50.8296, 67.0137, 25.7353

# Trichromacy



## Original Color

50.8037, 64.2917, 31.7627

## Protanomaly

48.5352, 18.3740, 28.8089

## Deuteranomaly

49.1389, 25.8574, 30.4893

## Tritanomaly

50.7496, 65.8271, 28.7651

# Monochromacy



## Original Color

50.8037, 64.2917, 31.7627

## Achromatopsia

43.3383, -2.3124, 2.3547

## Achromatomaly

43.0840, 18.5467, 15.6110

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.8037, 64.2917, 31.7627 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, 71, 18)` looks like.

```
.text, #text, p{  
  color:rgb(255, 71, 18)  
}
```

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, 71, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 18) }
```

## Border

The CSS property to change the border of an element to HunterLab 50.8037, 64.2917, 31.7627 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, 71, 18) }
```



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

```
.border{ border-color:rgb(255, 71, 18) }
```

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

Here you see how a box with a 4 pixel rgb(255, 71, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
18) }
```

# Background

The CSS property to change the background color of an element to HunterLab 50.8037, 64.2917, 31.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 18) }
```

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

```
.background{ background-color: rgb(255, 71,  
18) }
```

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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