

# Converting Colors

HunterLab(50.8796, 64.2549,  
31.3727)

Have a look what the booklet for  
HunterLab(50.8796, 64.2549,  
31.3727) contains.

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# Color

**HunterLab(50.8298, 64.4002,  
31.3757)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4719
RGB	255, 71, 25
RGB Percent	100%, 28%, 10%
CMY	0.0000, 0.7215, 0.9020
CMYK	0.00, 0.72, 0.90, 0.00
HSL	12°, 100%, 55%
HSV	12°, 90%, 100%
XYZ	43.6687, 25.8367, 3.6051
YIQ	120.7720, 124.4300, 24.7020

# Conversions

## Conversions Part 2

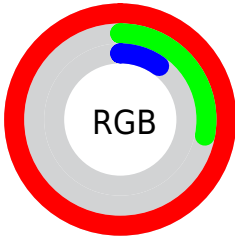
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 83, 25
Decimal	16729881
CIE <sub>Lab</sub>	57.88, 67.36, 63.16
CIE <sub>LCh</sub>	58, 92.337, 43.159
Yxy	25.8382, 0.5973, 0.3534
Android (android.graphics.Color)	4294919961 (0xFFFF4719)
YUV	120.7720, -47.2156, 117.7180
Hunter-Lab	50.8298, 64.4002, 31.3757

# Details

The HunterLab color **50.8298, 64.4002, 31.3757** 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 **72.8160, -26.3125, -32.6250**, and the grayscale version is **43.7842, -2.3362, 2.3789**.

A 20% lighter version of the original color is **61.4500, 39.3354, 31.7795**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **48.6093, 70.7209, 31.1909**, and if you desaturate by 10%, it is **53.8956, 56.7171, 30.8206**.

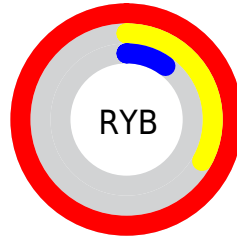
# Distribution



Red (100%)

Green (28%)

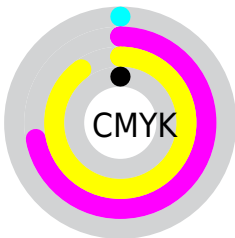
Blue (10%)



Red (100%)

Yellow (33%)

Blue (10%)

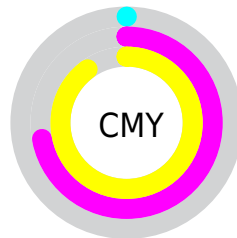


Cyan (0%)

Magenta (72%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (72%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8298, 64.4002, 31.3757 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 50.8298, 64.4002, 31.3757 by changing the saturation by 10% instead.



50.8298, 64.4002,  
31.3757

50.8298, 64.4002,  
31.3757

167.9247, 80.5460,  
66.7984

40.8689, 62.1610,  
26.5605

72.8106, 68.6313,  
40.3089

31.6587, 59.9021,  
21.8789

84.7483, 70.6088,  
44.4811

23.2681, 57.7290,  
16.2877

97.2753, 72.4896,  
48.4925

15.7866, 55.9311,  
11.0506

110.3651, 74.2757,  
52.3651

9.3419, 55.4112,  
6.5394

123.9944, 75.9705,  
56.1176

0.0000, INF, NaN

0.0000, INF, NaN

138.1428, 77.5779,

59.7655

0.0000, NaN, NaN

152.7917, 79.1017,  
63.3221

0.0000, NaN, NaN

50.8298, 64.4002,  
31.3757

50.8298, 64.4002,  
31.3757

48.6093, 70.7209,  
31.1909

53.8956, 56.7171,  
30.8206

57.7307, 48.3666,  
29.3975

62.2645, 39.8041,  
27.2170

67.4141, 31.3562,  
24.4295

73.0979, 23.2177,  
21.1793

79.2425, 15.4821,  
17.5849

85.7844, 8.1764,  
13.7360

92.6705, 1.2887,  
9.6977

99.8567, -5.2125,  
5.5159

# Harmonies

## Analogous

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



50.8313, 92.8940, 16.4788



50.8298, 64.4002, 31.3757



50.8313, 20.8950, 34.6505

# Triad

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



50.8313, 64.3948, 31.3765



50.8313, -56.4310, 19.4033



50.8313, 15.5144, -127.3035

# Complementary

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



50.8298, 64.4002, 31.3757



72.8160, -26.3125, -32.6250

# 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.



50.8313, -22.6736, -123.8746



50.8298, 64.4002, 31.3757



50.8313, -57.0779, -16.3065

# Square

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



50.8313, 64.3948, 31.3765



50.8313, -44.5230, 32.1479



50.8313, -46.6776, -74.2468



50.8313, 59.4465, -81.6622



# Rectangle

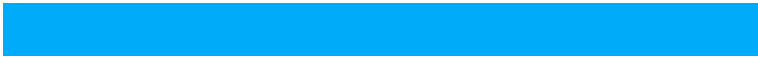
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.8298, 64.4002, 31.3757



50.8313, -6.7830, 34.9620



50.8313, -46.6776, -74.2468



50.8313, 1.4852, -132.4945

# Sweetspot

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



50.8313, 64.3948, 31.3765



81.2925, 13.1012, 16.3793



51.5351, 93.7200, -36.0022



36.5969, 7.2391, 8.1735

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



50.8313, 64.3948, 31.3765



48.6095, 70.7211, 31.1910



75.1318, 8.6314, 45.7211



43.0991, 0.3830, 4.3550



35.3719, 50.3823, 22.6780

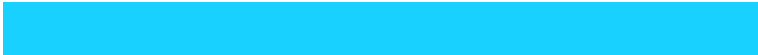


11.6756, 13.7968, 7.4360

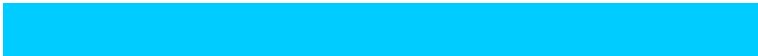


# Inverse Universe

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



72.8160, -26.3125, -32.6250



70.9926, -24.5690, -35.6971



39.2840, 33.2787, -117.9979



44.5283, -4.8540, 0.3901



51.5285, -18.0483, -25.4450



16.5369, -6.2506, -7.1766



# Previews

## White Background



This preview shows how the HunterLab color 50.8298, 64.4002, 31.3757 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 50.8298, 64.4002, 31.3757 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 50.8298, 64.4002, 31.3757 Background



This preview shows how black text looks on a background with the HunterLab color 50.8298, 64.4002, 31.3757.



This preview shows how white text looks on a background with the HunterLab color 50.8298, 64.4002,



# 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

50.8298, 64.4002, 31.3757

### Protanopia

50.9816, -6.9161, 28.7461

### Deuteranopia

50.7273, 3.2644, 31.3151



## Tritanopia

50.8296, 67.0137, 25.7353

# Trichromacy



## Original Color

50.8298, 64.4002, 31.3757

## Protanomaly

48.5750, 18.5748, 28.2196

## Deuteranomaly

49.1434, 25.8793, 30.4232

## Tritanomaly

50.7766, 65.9382, 28.3675

# Monochromacy



## Original Color

50.8298, 64.4002, 31.3757

## Achromatopsia

43.7266, -2.3331, 2.3758

## Achromatomaly

43.4953, 18.7139, 15.1281

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.8298, 64.4002, 31.3757 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 25) }
```

## Border

The CSS property to change the border of an element to HunterLab 50.8298, 64.4002, 31.3757 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, 25) }
```



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

```
.border{ border-color:rgb(255, 71, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
25) }
```

# Background

The CSS property to change the background color of an element to HunterLab 50.8298, 64.4002, 31.3757 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, 25) }
```

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

```
.background{ background-color: rgb(255, 71,  
25) }
```

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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