

# Converting Colors

HunterLab(52.2401, 54.5387,  
32.5567)

Have a look what the booklet for  
HunterLab(52.2401, 54.5387,  
32.5567) contains.

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# Color

**HunterLab(52.2733, 54.4696,  
32.5626)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F95911
RGB	249, 89, 17
RGB Percent	98%, 35%, 7%
CMY	0.0235, 0.6509, 0.9333
CMYK	0.00, 0.64, 0.93, 0.02
HSL	19°, 95%, 52%
HSV	19°, 93%, 98%
XYZ	42.7405, 27.3250, 3.5519
YIQ	128.6320, 118.4720, 11.5280

# Conversions

## Conversions Part 2

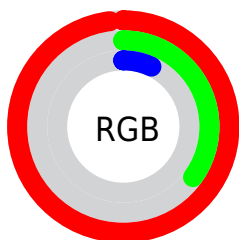
Format	Color
<a href="#">RYB</a>	<a href="#">249, 121, 17</a>
Decimal	<a href="#">16341265</a>
CIELab	<a href="#">59.28, 58.60, 65.88</a>
CIELCh	<a href="#">59, 88.171, 48.345</a>
Yxy	<a href="#">27.3266, 0.5806, 0.3712</a>
Android (android.graphics.Color)	<a href="#">4294531345</a> (0xFFFF95911)
YUV	<a href="#">128.6320, -55.0346, 105.5627</a>
Hunter-Lab	<a href="#">52.2733, 54.4696, 32.5626</a>

# Details

The HunterLab color **52.2733, 54.4696, 32.5626** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **61.9680, -13.2405, -47.7962**, and the grayscale version is **46.8876, -2.5018, 2.5475**.

A 20% lighter version of the original color is **64.8114, 31.4519, 34.5605**, and **33.0592, 50.8716, 21.2615** is the 20% darker color. If you saturate the color by 10%, you get **50.4848, 59.2339, 32.1455**, and if you desaturate by 10%, it is **55.3640, 47.0881, 32.6031**.

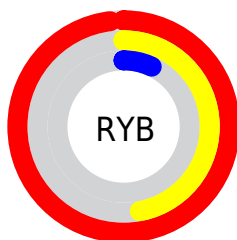
# Distribution



Red (98%)

Green (35%)

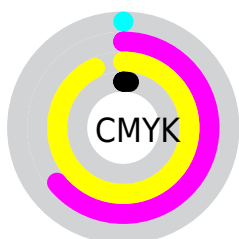
Blue (7%)



Red (98%)

Yellow (47%)

Blue (7%)

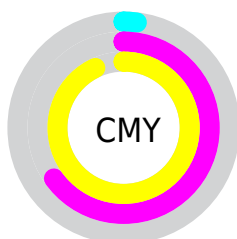


Cyan (0%)

Magenta (64%)

Yellow (93%)

Black (2%)



Cyan (2%)

Magenta (65%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2733, 54.4696, 32.5626 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 52.2733, 54.4696, 32.5626 by changing the saturation by 10% instead.





 52.2733, 54.4696,  
32.5626

 52.2733, 54.4696,  
32.5626


170.0691, 68.1402,  
69.1563


 42.2121, 52.4622,  
27.6058


 74.4362, 58.1691,  
41.7797


 32.8936, 50.3811,  
22.7939


 86.4576, 59.8669,  
46.0901


 24.3841, 48.2776,  
17.0689

 99.0645, 61.4657,  
50.2361

 16.7695, 46.3082,  
11.7387

 112.2307, 62.9701,  
54.2393

 10.1709, 44.9665,  
7.1196

 125.9335, 64.3850,  
58.1184


0.0000, INF, NaN

0.0000, INF, NaN


 140.1526, 65.7154,


61.8890


0.0000, NaN, NaN


 154.8699, 66.9657,  
65.5645


0.0000, NaN, NaN


 52.2733, 54.4696,  
32.5626

 52.2733, 54.4696,  
32.5626


 50.4848, 59.2339,  
32.1455

 55.3640, 47.0881,  
32.6031

 58.9884, 39.6008,  
31.7352

 63.1008, 32.2599,  
29.9970

 67.6498, 25.2296,  
27.4840

 72.5854, 18.5986,  
24.3078

77.8616, 12.4012,  
20.5754

83.4381, 6.6367,  
16.3807

89.2800, 1.2836,  
11.8014

95.3573, -3.6898,  
6.9007

# Harmonies

## Analogous

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



52.2748, 85.0587, 20.1943



52.2733, 54.4696, 32.5626



52.2748, 12.6304, 35.3277

# Triad

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



52.2748, 54.4647, 32.5633



52.2748, -56.4295, 14.9201



52.2748, 21.9663, -113.5834

# Complementary

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



52.2733, 54.4696, 32.5626



61.9680, -13.2405, -47.7962

# 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.



52.2748, -16.6109, -119.2745



52.2733, 54.4696, 32.5626



52.2748, -55.2401, -23.7609

# Square

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



52.2748, 54.4647, 32.5633



52.2748, -46.5875, 31.0245



52.2748, -42.6902, -79.0420



52.2748, 62.9402, -66.6154



# Rectangle

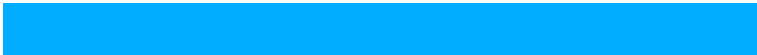
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.2733, 54.4696, 32.5626



52.2748, -12.8774, 35.4034



52.2748, -42.6902, -79.0420



52.2748, 8.1210, -121.1954

# Sweetspot

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



52.2748, 54.4647, 32.5633



82.9045, 9.6453, 18.9806



48.7971, 88.1572, -20.4652



37.2217, 5.6639, 9.6255

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.2748, 54.4647, 32.5633



51.8393, 60.9483, 33.0101



79.1854, -2.3543, 48.3553



42.5487, -0.2724, 4.6673



37.2347, 42.4808, 23.6875



12.0997, 10.8321, 7.6454

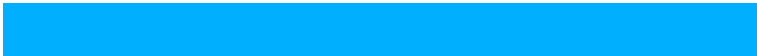


# Inverse Universe

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



61.9680, -13.2405, -47.7962



61.8169, -11.3116, -52.8472



32.4940, 48.2225, -142.6612



43.1813, -4.1169, -0.0809



44.3412, -8.5463, -36.9737



14.1760, -3.6166, -9.9114



# Previews

## White Background



This preview shows how the HunterLab color 52.2733, 54.4696, 32.5626 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 52.2733, 54.4696, 32.5626 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 52.2733, 54.4696, 32.5626 Background



This preview shows how black text looks on a background with the HunterLab color 52.2733, 54.4696, 32.5626.



This preview shows how white text looks on a background with the HunterLab color 52.2733, 54.4696,



# 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

52.2733, 54.4696, 32.5626

### Protanopia

52.2745, -6.8613, 30.5413

### Deuteranopia

52.3756, 3.2923, 32.3313



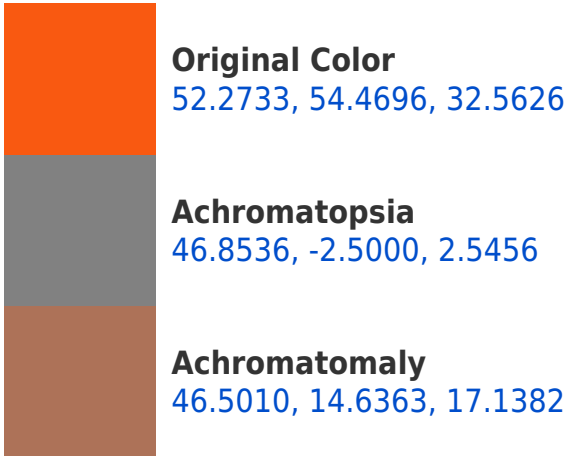
## Tritanopia

52.3453, 60.6146, 22.8587

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.2733, 54.4696, 32.5626 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(249, 89, 17)` looks like.

```
.text, #text, p{  
    color:rgb(249, 89, 17)  
}
```

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(249, 89, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 89, 17) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.2733, 54.4696, 32.5626 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(249, 89, 17) }
```



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

```
.border{ border-color:rgb(249, 89, 17) }
```

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

Here you see how a box with a 4 pixel rgb(249, 89, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 89, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 89, 17);  
box-shadow:4px 4px 4px 4px rgb(249, 89,  
17) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.2733, 54.4696, 32.5626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 89, 17) }
```

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

```
.background{ background-color: rgb(249, 89,  
17) }
```

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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