

# Converting Colors

HunterLab(51.5249, 59.4646,  
32.7904)

Have a look what the booklet for  
HunterLab(51.5249, 59.4646,  
32.7904) contains.

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# Color

**HunterLab(51.4128, 59.3662,  
32.7196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC5000
RGB	252, 80, 0
RGB Percent	99%, 31%, 0%
CMY	0.0118, 0.6862, 1.0000
CMYK	0.00, 0.68, 1.00, 0.01
HSL	19°, 100%, 49%
HSV	19°, 100%, 99%
XYZ	43.0135, 26.4328, 2.8350
YIQ	122.3080, 128.1920, 11.5840

# Conversions

## Conversions Part 2

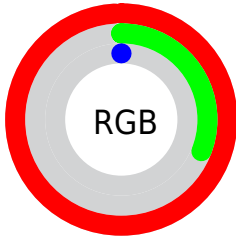
<b>Format</b>	<b>Color</b>
<b>RYB</b>	252, 117, 0
Decimal	16535552
CIELab	58.45, 62.99, 69.08
CIElCh	58, 93.481, 47.640
Yxy	26.4343, 0.5951, 0.3657
Android (android.graphics.Color)	4294725632 (0xFFFC5000)
YUV	122.3080, -60.2978, 113.7399
Hunter-Lab	51.4128, 59.3662, 32.7196

# Details

The HunterLab color **51.4128, 59.3662, 32.7196** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **60.4404, -10.3144, -53.2792**, and the grayscale version is **44.4299, -2.3707, 2.4140**.

A 20% lighter version of the original color is **62.8753, 35.1519, 34.6430**, and **32.3096, 55.3312, 20.8777** is the 20% darker color. If you saturate the color by 10%, you get **51.4138, 59.3624, 32.7202**, and if you desaturate by 10%, it is **54.1800, 52.1770, 33.2797**.

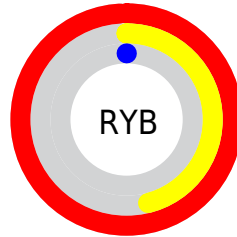
# Distribution



Red (99%)

Green (31%)

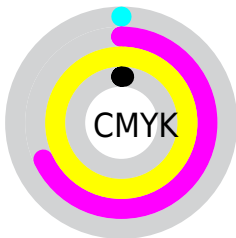
Blue (0%)



Red (99%)

Yellow (46%)

Blue (0%)

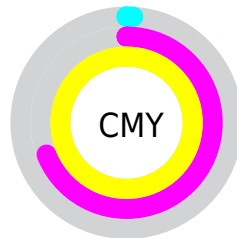


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4128, 59.3662, 32.7196 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 51.4128, 59.3662, 32.7196 by changing the saturation by 10% instead.



51.4128, 59.3662,  
32.7196

51.4128, 59.3662,  
32.7196

168.7921, 74.3104,  
71.0028

41.4112, 57.2345,  
27.5400

73.4676, 63.3438,  
42.3729

32.1569, 55.0537,  
22.5098

85.4392, 65.1862,  
46.8887

23.7180, 52.9003,  
16.6026

97.9986, 66.9301,  
51.2303

16.1823, 50.9933,  
11.3276

111.1194, 68.5789,  
55.4200

9.6750, 50.0175,  
6.7725

124.7785, 70.1371,  
59.4769


0.0000, INF, NaN

0.0000, INF, NaN

138.9556, 71.6088,


63.4173


0.0000, NaN, NaN


 153.6323, 72.9985,  
67.2553

0.0000, NaN, NaN


 51.4128, 59.3662,  
32.7196

 51.4128, 59.3662,  
32.7196


 51.4138, 59.3624,  
32.7202

 54.1800, 52.1770,  
33.2797

 57.4947, 44.6585,  
33.0505

 61.3256, 37.1487,  
31.8978

 65.6241, 29.8666,  
29.8818

 70.3398, 22.9447,  
27.1054

■ 75.4244, 16.4484,  
23.6804

■ 80.8347, 10.3966,  
19.7109

■ 86.5325, 4.7792,  
15.2869

■ 92.4850, -0.4301,  
10.4830

# Harmonies

## Analogous

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



51.4143, 91.9384, 20.2814



51.4128, 59.3662, 32.7196



51.4143, 14.6105, 35.2277

# Triad

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



51.4143, 59.3610, 32.7203



51.4143, -58.0324, 16.0273



51.4143, 22.4552, -125.3724

# Complementary

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



51.4128, 59.3662, 32.7196



60.4404, -10.3144, -53.2792

# 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.



51.4143, -18.0676, -130.3858



51.4128, 59.3662, 32.7196



51.4143, -57.0930, -24.3844

# Square

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



51.4143, 59.3610, 32.7203



51.4143, -47.8215, 31.6056



51.4143, -44.6888, -84.7989



51.4143, 66.5814, -73.9630



# Rectangle

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



51.4128, 59.3662, 32.7196



51.4143, -12.4940, 35.3354



51.4143, -44.6888, -84.7989



51.4143, 7.7870, -133.4417

# Sweetspot

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



51.4143, 59.3610, 32.7203



81.9185, 10.5497, 19.9869



48.6638, 89.4740, -16.1228



36.8117, 6.0528, 10.0602

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.4143, 59.3610, 32.7203



52.0952, 60.2112, 33.1549



80.4623, -2.8939, 49.5297



42.5729, -0.3137, 4.6937



37.4205, 41.9522, 23.7928



12.1611, 10.6726, 7.6804



# Inverse Universe

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



60.4404, -10.3144, -53.2792



61.2431, -10.4289, -54.0355



29.9970, 57.9218, -162.5296



43.1563, -4.0764, -0.1110



43.9387, -7.9310, -37.7987



14.0666, -3.4565, -10.1205



# Previews

## White Background



This preview shows how the HunterLab color 51.4128, 59.3662, 32.7196 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 51.4128, 59.3662, 32.7196 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 51.4128, 59.3662, 32.7196 Background



This preview shows how black text looks on a background with the HunterLab color 51.4128, 59.3662, 32.7196.



This preview shows how white text looks on a background with the HunterLab color 51.4128, 59.3662,



# 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

51.4128, 59.3662, 32.7196

### Protanopia

51.4780, -6.7943, 30.4073

### Deuteranopia

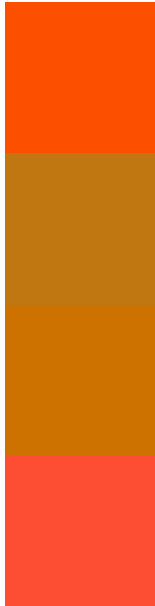
51.4929, 3.0849, 31.7837



## Tritanopia

51.4440, 64.0291, 24.5135

# Trichromacy



## Original Color

51.4128, 59.3662, 32.7196

## Protanomaly

49.5697, 16.5665, 30.2004

## Deuteranomaly

50.0138, 23.8084, 31.2351

## Tritanomaly

51.4011, 61.9354, 29.2766

# Monochromacy



## Original Color

51.4128, 59.3662, 32.7196

## Achromatopsia

44.1155, -2.3539, 2.3969

## Achromatomaly

44.1593, 15.6712, 17.8078

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.4128, 59.3662, 32.7196 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(252, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 80, 0)  
}
```

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(252, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 80, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.4128, 59.3662, 32.7196 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(252, 80, 0) }
```



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

```
.border{ border-color:rgb(252, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 80, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 51.4128, 59.3662, 32.7196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 80, 0) }
```

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

```
.background{ background-color: rgb(252, 80,  
0) }
```

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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