

# Converting Colors

HunterLab(52.7263, 58.7101,  
32.8740)

Have a look what the booklet for  
HunterLab(52.7263, 58.7101,  
32.8740) contains.

<b>HunterLab(52.7263, 58.7101, 32.8740)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(52.7263, 58.7101,  
32.8740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5512
RGB	255, 85, 18
RGB Percent	100%, 33%, 7%
CMY	0.0000, 0.6666, 0.9294
CMYK	0.00, 0.67, 0.93, 0.00
HSL	17°, 100%, 54%
HSV	17°, 93%, 100%
XYZ	44.5976, 27.8006, 3.5878
YIQ	128.1920, 122.8270, 15.2030

# Conversions

## Conversions Part 2

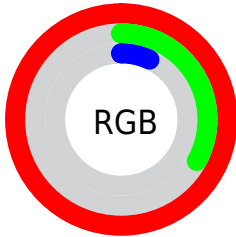
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 111, 18
Decimal	16733458
CIE <sub>Lab</sub>	59.71, 62.20, 66.41
CIE <sub>LCh</sub>	60, 90.991, 46.876
Yxy	27.8023, 0.5869, 0.3659
Android (android.graphics.Color)	4294923538 (0xFFFF5512)
YUV	128.1920, -54.3247, 111.2106
Hunter-Lab	52.7263, 58.7101, 32.8740

# Details

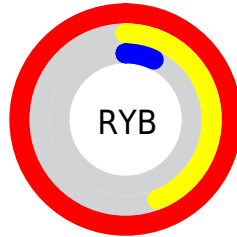
The HunterLab color **52.7263, 58.7101, 32.8740** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **65.8113, -16.7656, -44.9732**, and the grayscale version is **46.7109, -2.4924, 2.5379**.

A 20% lighter version of the original color is **64.1096, 33.0064, 34.0903**, and **33.3660, 54.7211, 21.5180** is the 20% darker color. If you saturate the color by 10%, you get **50.8991, 63.7003, 32.4790**, and if you desaturate by 10%, it is **55.8556, 51.0630, 32.8342**.

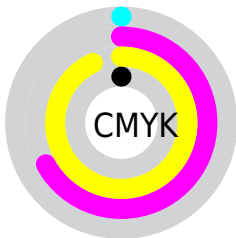
# Distribution



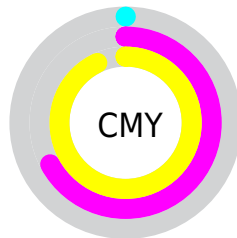
- Red (100%)
- Green (33%)
- Blue (7%)



- Red (100%)
- Yellow (44%)
- Blue (7%)



- Cyan (0%)
- Magenta (67%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.7263, 58.7101, 32.8740 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 52.7263, 58.7101, 32.8740 by changing the saturation by 10% instead.



52.7263, 58.7101,  
32.8740

52.7263, 58.7101,  
32.8740

170.7398, 73.3386,  
69.6759

42.6341, 56.6085,  
27.8938

74.9457, 62.6172,  
42.1394

33.2820, 54.4481,  
23.0418

86.9932, 64.4229,  
46.4740

24.7358, 52.2927,  
17.3150

99.6248, 66.1304,  
50.6437

17.0802, 50.3263,  
11.9561

112.8148, 67.7433,  
54.6703

10.4342, 49.1119,  
7.3039

126.5404, 69.2662,  
58.5723


0.0000, INF, NaN

0.0000, INF, NaN


140.7815, 70.7035,


62.3653


0.0000, NaN, NaN


 155.5201, 72.0596,  
66.0628


0.0000, NaN, NaN


 52.7263, 58.7101,  
32.8740


 52.7263, 58.7101,  
32.8740


 50.8991, 63.7003,  
32.4790

 55.8556, 51.0630,  
32.8342

 59.5890, 43.1689,  
31.8717

 63.8738, 35.3369,  
30.0374

 68.6500, 27.7746,  
27.4407

 73.8592, 20.5987,  
24.2047

79.4477, 13.8591,  
20.4442

85.3685, 7.5622,  
16.2564

91.5815, 1.6889,  
11.7203

98.0525, -3.7931,  
6.8979

# Harmonies

## Analogous

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



52.7279, 89.5967, 19.6353



52.7263, 58.7101, 32.8740



52.7279, 15.2728, 35.7822

# Triad

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



52.7279, 58.7049, 32.8747



52.7279, -57.6939, 16.6097



52.7279, 20.7130, -120.7895

# Complementary

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



52.7263, 58.7101, 32.8740



65.8113, -16.7656, -44.9732

# 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.



52.7279, -18.7539, -124.1658



52.7263, 58.7101, 32.8740



52.7279, -57.0166, -22.2586

# Square

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



52.7279, 58.7049, 32.8747



52.7279, -47.0719, 32.0261



52.7279, -44.8381, -80.0018



52.7279, 63.6695, -72.6587



# Rectangle

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



52.7263, 58.7101, 32.8740



52.7279, -11.4794, 35.9181



52.7279, -44.8381, -80.0018



52.7279, 6.4450, -127.9929

# Sweetspot

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



52.7279, 58.7049, 32.8747



82.3339, 10.6941, 18.4237



50.4871, 91.7782, -25.7115



36.9231, 6.2240, 9.3428

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.7279, 58.7049, 32.8747



50.8994, 63.7006, 32.4791



79.0400, 1.5480, 48.3018



43.3857, -0.1094, 4.6696



37.0864, 45.1807, 23.6434



12.3087, 12.0295, 7.7951



# Inverse Universe

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



65.8113, -16.7656, -44.9732



64.0675, -14.7062, -48.3323



34.8619, 44.9893, -138.6297



44.2293, -4.3723, 0.0320



46.5984, -11.0553, -34.3786



15.1655, -4.3575, -9.5490



# Previews

## White Background



This preview shows how the HunterLab color 52.7263, 58.7101, 32.8740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

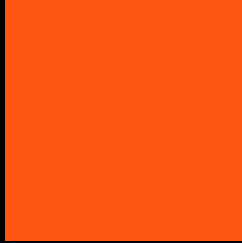
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.7263, 58.7101, 32.8740 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 52.7263, 58.7101, 32.8740 Background



This preview shows how black text looks on a background with the HunterLab color 52.7263, 58.7101, 32.8740.



This preview shows how white text looks on a background with the HunterLab color 52.7263, 58.7101,

32.8740.

# 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

52.7263, 58.7101, 32.8740

### Protanopia

52.6720, -6.9036, 30.6319

### Deuteranopia

52.7602, 3.2021, 32.5667



## Tritanopia

52.7264, 62.8550, 23.9260

# Trichromacy



## Original Color

52.7263, 58.7101, 32.8740

## Protanomaly

50.9760, 16.0428, 30.4142

## Deuteranomaly

51.5049, 23.5803, 31.9185

## Tritanomaly

52.5657, 61.1571, 28.4817

# Monochromacy



## Original Color

52.7263, 58.7101, 32.8740

## Achromatopsia

46.4608, -2.4790, 2.5243

## Achromatomaly

46.1428, 16.0039, 16.8501

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.7263, 58.7101, 32.8740 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, 85, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 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, 85, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 18) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.7263, 58.7101, 32.8740 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, 85, 18) }
```



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

```
.border{ border-color:rgb(255, 85, 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, 85, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
18) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.7263, 58.7101, 32.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 18) }
```

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

```
.background{ background-color: rgb(255, 85,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor