

# Converting Colors

HunterLab(51.7717, 51.6449,  
27.8731)

Have a look what the booklet for  
HunterLab(51.7717, 51.6449,  
27.8731) contains.

<b>HunterLab(51.8245, 51.4221, 27.9435)</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(51.8245, 51.4221,  
27.9435)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F25C3C
RGB	242, 92, 60
RGB Percent	95%, 36%, 24%
CMY	0.0510, 0.6392, 0.7647
CMYK	0.00, 0.62, 0.75, 0.05
HSL	11°, 87%, 59%
HSV	11°, 75%, 95%
XYZ	41.2607, 26.8578, 7.2843
YIQ	133.2020, 99.6720, 21.8480

# Conversions

## Conversions Part 2

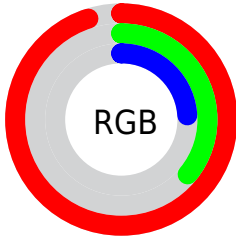
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 99, 60
Decimal	15883324
CIE <sub>Lab</sub>	58.84, 55.99, 47.85
CIE <sub>LCh</sub>	59, 73.650, 40.518
Yxy	26.8593, 0.5472, 0.3562
Android (android.graphics.Color)	4294073404 (0xFFFF25C3C)
YUV	133.2020, -36.0886, 95.4158
Hunter-Lab	51.8245, 51.4221, 27.9435

# Details

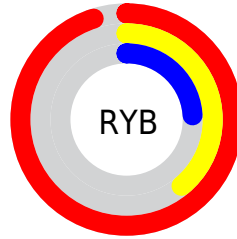
The HunterLab color **51.8245, 51.4221, 27.9435** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **73.1164, -28.0191, -23.5552**, and the grayscale version is **48.6224, -2.5944, 2.6417**.

A 20% lighter version of the original color is **65.9878, 32.1903, 28.2255**, and **32.4416, 47.4553, 20.1854** is the 20% darker color. If you saturate the color by 10%, you get **48.6277, 58.9958, 28.9813**, and if you desaturate by 10%, it is **55.7660, 43.2957, 26.1592**.

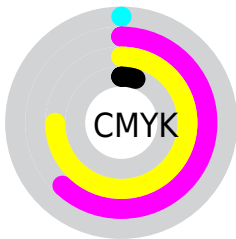
# Distribution



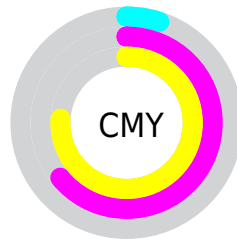
- Red (95%)
- Green (36%)
- Blue (24%)



- Red (95%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (75%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8245, 51.4221, 27.9435 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 51.8245, 51.4221, 27.9435 by changing the saturation by 10% instead.



51.8245, 51.4221,  
27.9435

51.8245, 51.4221,  
27.9435

169.4035, 64.3885,  
55.6786

41.7943, 49.4863,  
24.2062

73.9311, 54.9672,  
34.8573

32.5091, 47.4674,  
20.2267

85.9266, 56.5853,  
38.0960

24.0363, 45.4087,  
16.5009

98.5088, 58.1041,  
41.2216

16.4628, 43.4493,  
11.5239

111.6513, 59.5289,  
44.2522

9.9116, 42.0409,  
6.9381

125.3314, 60.8649,  
47.2023

0.0000, INF, NaN

0.0000, INF, NaN

139.5286, 62.1171,

50.0839

0.0000, NaN, NaN

154.2248, 63.2901,  
52.9066

0.0000, NaN, NaN

■ 51.8245, 51.4221,  
27.9435

■ 51.8245, 51.4221,  
27.9435

■ 48.6277, 58.9958,  
28.9813

■ 55.7660, 43.2957,  
26.1592

■ 46.2272, 65.5061,  
29.2019

■ 60.3681, 35.0528,  
23.7681

■ 45.3576, 68.0664,  
29.1408

■ 65.5473, 26.9715,  
20.9207

■ 71.2235, 19.2098,  
17.7444

■ 77.3263, 11.8357,  
14.3357

83.7961, 4.8609,  
10.7636

90.5837, -1.7339,  
7.0751

97.6484, -7.9826,  
3.3016

98.8014, -9.5307,  
3.9407

# Harmonies

## Analogous

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



51.8260, 70.7260, 12.2264



51.8245, 51.4221, 27.9435



51.8260, 18.8849, 32.9804

# Triad

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



51.8260, 51.4175, 27.9443



51.8260, -48.1987, 18.5210



51.8260, 8.6889, -91.0221

# Complementary

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



51.8245, 51.4221, 27.9435



73.1164, -28.0191, -23.5552

# 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.



51.8260, -21.3624, -85.4568



51.8245, 51.4221, 27.9435



51.8260, -49.6815, -8.7631

# Square

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



51.8260, 51.4175, 27.9443



51.8260, -36.3765, 30.2080



51.8260, -41.0629, -49.9034



51.8260, 42.4463, -62.3572



# Rectangle

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



51.8245, 51.4221, 27.9435



51.8260, -3.3109, 33.6315



51.8260, -41.0629, -49.9034



51.8260, -2.2230, -93.3765

# Sweetspot

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



51.8260, 51.4175, 27.9443



83.5015, 10.9399, 14.4143



51.8127, 81.8419, -37.6644



37.5098, 6.3348, 7.2921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.8260, 51.4175, 27.9443



50.2123, 66.2730, 30.9812



72.3787, 6.5735, 41.2125



40.2594, 0.4751, 3.9777



33.4511, 49.2286, 21.4742



10.2850, 12.2614, 6.5523



# Inverse Universe

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



73.1164, -28.0191, -23.5552



74.7324, -28.8600, -29.5138



45.7880, 16.1125, -80.2785



41.7473, -4.6584, 0.4744



50.6724, -19.1882, -21.9143



15.0293, -6.0821, -5.6558



# Previews

## White Background



This preview shows how the HunterLab color 51.8245, 51.4221, 27.9435 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 51.8245, 51.4221, 27.9435 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 51.8245, 51.4221, 27.9435 Background



This preview shows how black text looks on a background with the HunterLab color 51.8245, 51.4221, 27.9435.



This preview shows how white text looks on a background with the HunterLab color 51.8245, 51.4221,

27.9435.

# 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

51.8245, 51.4221, 27.9435

### Protanopia

51.8863, -5.9885, 24.2608

### Deuteranopia

51.8704, 3.4184, 28.5729



## Tritanopia

51.7923, 55.5885, 21.0323

# Trichromacy



## Original Color

51.8245, 51.4221, 27.9435

## Protanomaly

50.4205, 13.7461, 24.4959

## Deuteranomaly

50.8699, 20.9834, 27.6455

## Tritanomaly

51.7625, 54.3184, 23.9301

# Monochromacy



## Original Color

51.8245, 51.4221, 27.9435

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

47.8348, 14.4804, 12.8281

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.8245, 51.4221, 27.9435 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(242, 92, 60)` looks like.

```
.text, #text, p{  
    color:rgb(242, 92, 60)  
}
```

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(242, 92, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 92, 60) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.8245, 51.4221, 27.9435 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(242, 92, 60) }
```



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

```
.border{ border-color:rgb(242, 92, 60) }
```

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

Here you see how a box with a 4 pixel rgb(242, 92, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 92, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 92, 60);  
box-shadow:4px 4px 4px 4px rgb(242, 92,  
60) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.8245, 51.4221, 27.9435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 92, 60) }
```

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

```
.background{ background-color: rgb(242, 92,  
60) }
```

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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