

# Converting Colors

HunterLab(61.5110, 27.6474,  
33.5517)

Have a look what the booklet for  
HunterLab(61.5110, 27.6474,  
33.5517) contains.

|   |    |
|---|----|
| <b>HunterLab(61.5131, 27.5998, 33.5670)</b> ..... | 3  |
| <i><b>Conversions</b></i> .....                   | 4  |
| <i><b>Details</b></i> .....                       | 6  |
| <i><b>Harmonies</b></i> .....                     | 12 |
| <i><b>Previews</b></i> .....                      | 24 |
| <i><b>Color Blindness Simulation</b></i> .....    | 28 |
| <i><b>CSS Examples</b></i> .....                  | 31 |

# Color

**HunterLab(61.5131, 27.5998,  
33.5670)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F18C41                     |
| RGB           | 241, 140, 65               |
| RGB Percent   | 95%, 55%, 25%              |
| CMY           | 0.0549, 0.4510, 0.7451     |
| CMYK          | 0.00, 0.42, 0.73, 0.05     |
| HSL           | 26°, 86%, 60%              |
| HSV           | 26°, 73%, 95%              |
| XYZ           | 46.6079, 37.8386, 9.8481   |
| YIQ           | 161.6490, 84.2710, -1.9130 |

# Conversions

## Conversions Part 2

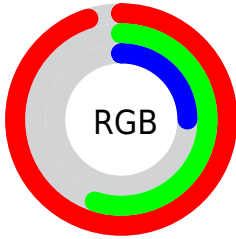
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 241, 196, 65                   |
| Decimal                             | 15830081                       |
| CIE Lab                             | 67.90, 32.64, 54.88            |
| CIE LCh                             | 68, 63.853, 59.261             |
| Yxy                                 | 37.8406, 0.4943,<br>0.4013     |
| Android<br>(android.graphics.Color) | 4294020161<br>(0xFFFF18C41)    |
| YUV                                 | 161.6490, -47.6480,<br>69.5908 |
| Hunter-Lab                          | 61.5131, 27.5998,<br>33.5670   |

# Details

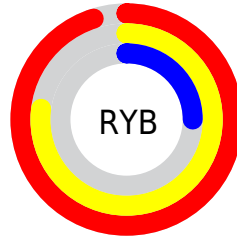
The HunterLab color **61.5131, 27.5998, 33.5670** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **58.9450, -7.1813, -47.5098**, and the grayscale version is **60.1310, -3.2084, 3.2670**.

A 20% lighter version of the original color is **78.1844, 8.7061, 35.5667**, and **40.9245, 25.2642, 25.2854** is the 20% darker color. If you saturate the color by 10%, you get **58.1613, 33.7397, 34.3000**, and if you desaturate by 10%, it is **65.1774, 21.8097, 31.9259**.

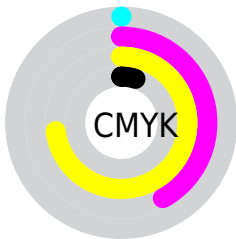
# Distribution



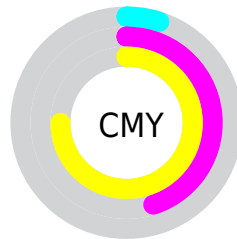
- Red (95%)
- Green (55%)
- Blue (25%)



- Red (95%)
- Yellow (77%)
- Blue (25%)



- Cyan (0%)
- Magenta (42%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (45%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5131, 27.5998, 33.5670 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 61.5131, 27.5998, 33.5670 by changing the saturation by 10% instead.



61.5131, 27.5998,  
33.5670

61.5131, 27.5998,  
33.5670

183.5581, 32.6708,  
63.8786

50.8517, 26.6114,  
29.5397

84.7725, 29.2619,  
41.0766

40.8879, 25.5117,  
25.2848

97.3006, 29.9610,  
44.6127

31.6761, 24.2854,  
20.8035

110.3915, 30.5806,  
48.0322

23.2838, 22.9227,  
16.2987

124.0219, 31.1268,  
51.3519

15.8005, 21.4267,  
11.0603

138.1712, 31.6046,  
54.5858

9.3536, 19.8643,  
6.5476

152.8212, 32.0187,

0.0000, INF, NaN

57.7454

0.0000, NaN, NaN

167.9551, 32.3729,  
60.8403

0.0000, NaN, NaN

■ 61.5131, 27.5998,  
33.5670

■ 61.5131, 27.5998,  
33.5670

■ 58.1613, 33.7397,  
34.3000

■ 65.1774, 21.8097,  
31.9259

■ 55.1416, 40.1338,  
34.1191


■ 69.1227, 16.4389,  
29.4292


■ 53.2381, 44.6243,  
33.5863


■ 73.3245, 11.5062,  
26.1547


■ 77.7584, 7.0098,  
22.1854

■ 82.4020, 2.9332,  
17.6016

 87.2353, -0.7492,  
12.4770

 92.2407, -4.0669,  
6.8766

 97.3093, -7.5643,  
2.1851

 98.7120, -9.8455,  
3.8287

# Harmonies

## Analogous

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



61.5147, 52.7505, 23.9055



61.5131, 27.5998, 33.5670



61.5147, -2.5713, 36.1371

# Triad

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



61.5147, 27.5959, 33.5677



61.5147, -49.3767, 4.0225



61.5147, 26.1340, -62.4615

# Complementary

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



61.5131, 27.5998, 33.5670



58.9450, -7.1813, -47.5098

# 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.



61.5147, -3.9966, -75.8558



61.5131, 27.5998, 33.5670



61.5147, -44.4650, -28.3001

# Square

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



61.5147, 27.5959, 33.5677



61.5147, -43.9536, 24.6186



61.5147, -29.0674, -61.1663



61.5147, 51.8033, -30.0497



# Rectangle

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



61.5131, 27.5998, 33.5670



61.5147, -20.4797, 35.1787



61.5147, -29.0674, -61.1663



61.5147, 16.0328, -69.8534

# Sweetspot

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



61.5147, 27.5959, 33.5677



88.3469, 2.7322, 18.2660



50.2954, 72.4091, -11.2201



40.2382, 1.7860, 9.1006

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.5147, 27.5959, 33.5677



60.2812, 39.5224, 36.5889



85.8233, -16.0055, 49.1486



41.0687, -0.9085, 4.8627



39.5281, 32.0394, 24.9179



12.2194, 7.2657, 7.6567



# Inverse Universe

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



58.9450, -7.1813, -47.5098



56.9455, -2.2806, -63.4533



36.2817, 39.3397, -112.9469



40.9083, -3.3004, -0.5349



36.9047, 1.6695, -49.7315



11.5321, -1.0194, -12.2134



# Previews

## White Background



This preview shows how the HunterLab color 61.5131, 27.5998, 33.5670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 61.5131, 27.5998, 33.5670 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 61.5131, 27.5998, 33.5670 Background



This preview shows how black text looks on a background with the HunterLab color 61.5131, 27.5998, 33.5670.



This preview shows how white text looks on a background with the HunterLab color 61.5131, 27.5998,



# 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

61.5131, 27.5998, 33.5670

### Protanopia

61.5986, -7.5164, 31.7581

### Deuteranopia

61.6809, 4.2692, 33.9730



## Tritanopia

61.5127, 39.5202, 14.3069

# Trichromacy



## Original Color

61.5131, 27.5998, 33.5670

## Protanomaly

61.2660, 4.4869, 32.2229

## Deuteranomaly

61.2708, 12.6569, 33.5663

## Tritanomaly

61.4437, 34.6863, 23.3934

# Monochromacy



## Original Color

61.5131, 27.5998, 33.5670

## Achromatopsia

60.1088, -3.2073, 3.2658

## Achromatomaly

59.7661, 5.5335, 17.0057

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.5131, 27.5998, 33.5670 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(241, 140, 65)` looks like.

```
.text, #text, p{  
    color:rgb(241, 140, 65)  
}
```

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(241, 140, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 140, 65) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.5131, 27.5998, 33.5670 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(241, 140, 65) }
```



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

```
.border{ border-color:rgb(241, 140, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 140, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 140, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 140, 65);  
box-shadow:4px 4px 4px 4px rgb(241, 140,  
65) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.5131, 27.5998, 33.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 140, 65) }
```

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

```
.background{ background-color: rgb(241,  
140, 65) }
```

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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