

Converting Colors

HunterLab(65.2400, 19.5001,
38.1929)

Have a look what the booklet for
HunterLab(65.2400, 19.5001,
38.1929) contains.

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Color

**HunterLab(65.2052, 19.5702,
38.1715)**

Conversions

Conversions Part 1

Format	Color
Hex	F29B2E
RGB	242, 155, 46
RGB Percent	95%, 61%, 18%
CMY	0.0510, 0.3921, 0.8196
CMYK	0.00, 0.36, 0.81, 0.05
HSL	33°, 88%, 56%
HSV	33°, 81%, 95%
XYZ	48.8324, 42.5172, 8.2176
YIQ	168.5870, 86.8410, -15.4550

Conversions

Conversions Part 2

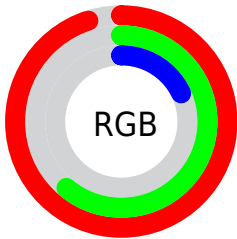
Format	Color
R _Y B	202, 242, 46
Decimal	15899438
CIE Lab	71.23, 24.48, 65.87
CIE LCh	71, 70.273, 69.611
Yxy	42.5194, 0.4904, 0.4270
Android (android.graphics.Color)	4294089518 (0xFFFF29B2E)
YUV	168.5870, -60.4354, 64.3832
Hunter-Lab	65.2052, 19.5702, 38.1715

Details

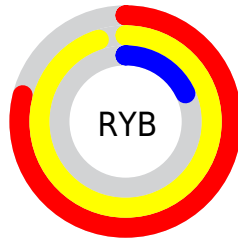
The HunterLab color **65.2052, 19.5702, 38.1715** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **48.7500, 8.2060, -71.9827**, and the grayscale version is **63.0357, -3.3634, 3.4248**.

A 20% lighter version of the original color is **82.6394, -0.6872, 42.0768**, and **44.2763, 18.3561, 27.6042** is the 20% darker color. If you saturate the color by 10%, you get **62.4191, 24.5268, 38.1801**, and if you desaturate by 10%, it is **68.1929, 14.9963, 37.2155**.

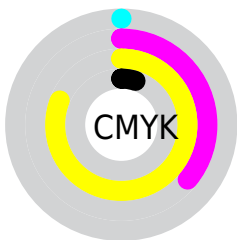
Distribution



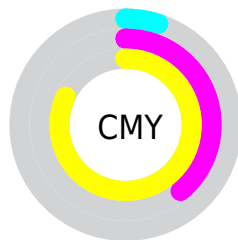
- Red (95%)
- Green (61%)
- Blue (18%)



- Red (79%)
- Yellow (95%)
- Blue (18%)



- Cyan (0%)
- Magenta (36%)
- Yellow (81%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.2052, 19.5702, 38.1715 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 65.2052, 19.5702, 38.1715 by changing the saturation by 10% instead.


 65.2052, 19.5702,
38.1715


 65.2052, 19.5702,
38.1715


188.8469, 21.7163,
73.3466


 54.3214, 18.9658,
33.5006


 88.8735, 20.5061,
46.9084


 44.1198, 18.2643,
28.5922


 101.5915, 20.8610,
51.0245


 34.6514, 17.4490,
23.6325


 114.8642, 21.1479,
55.0016

 25.9780, 16.5037,
18.1846

 128.6693, 21.3718,
58.8579

 18.1807, 15.4111,
12.7265

 142.9870, 21.5370,
62.6086

 11.3717, 14.1608,
7.9602

 157.7996, 21.6474,

 3.6864, 28.7425,

66.2666

2.5805

173.0911, 21.7062,
69.8428

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.2052, 19.5702,
38.1715

■ 65.2052, 19.5702,
38.1715

■ 62.4191, 24.5268,
38.1801

■ 68.1929, 14.9963,
37.2155

■ 60.0753, 29.2420,
37.5300


■ 71.3690, 10.8572,
35.2909


■ 74.7247, 7.1659,
32.4216


■ 78.2492, 3.9223,
28.6544


■ 81.9311, 1.1156,

24.0477

 85.7599, -1.2728,
18.6648

 89.7252, -3.2652,
12.5689

 93.8175, -4.8865,
5.8211

 97.7318, -7.7907,
2.6907

Harmonies

Analogous

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



65.2069, 51.5170, 31.0765



65.2052, 19.5702, 38.1715



65.2069, -13.5194, 39.0422

Triad

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



65.2069, 19.5664, 38.1722



65.2069, -54.0650, -7.0910



65.2069, 40.9666, -60.2385

Complementary

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



65.2052, 19.5702, 38.1715



48.7500, 8.2060, -71.9827

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.



65.2069, 7.2002, -85.5512



65.2052, 19.5702, 38.1715



65.2069, -44.7205, -46.3939

Square

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



65.2069, 19.5664, 38.1722



65.2069, -52.0359, 20.9426



65.2069, -23.7174, -79.5249



65.2069, 65.4438, -20.5372

Rectangle

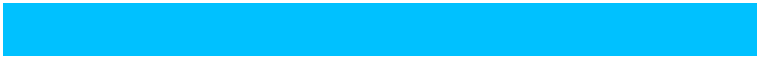
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2052, 19.5702, 38.1715



65.2069, -31.3894, 36.8329



65.2069, -23.7174, -79.5249



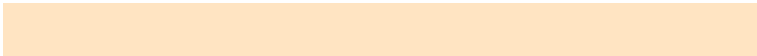
65.2069, 30.0850, -71.4159

Sweetspot

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



65.2069, 19.5664, 38.1722



89.7457, -0.6167, 21.6493



47.4955, 74.3985, 2.3217



40.8484, 0.1325, 10.9625

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.2069, 19.5664, 38.1722



64.4927, 29.5113, 40.0548



89.9390, -27.2210, 53.2393



41.4932, -1.6235, 5.3208



44.3456, 20.7455, 27.6887



13.5429, 4.3967, 8.4220

Inverse Universe

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



48.7500, 8.2060, -71.9827



44.8260, 19.3457, -97.1744



30.3317, 56.5201, -144.5241



40.4766, -2.5913, -1.0624



30.6626, 13.8040, -68.1246



9.8868, 1.8673, -16.3887

Previews

White Background



This preview shows how the HunterLab color 65.2052, 19.5702, 38.1715 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 65.2052, 19.5702, 38.1715 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 65.2052, 19.5702, 38.1715 Background



This preview shows how black text looks on a background with the HunterLab color 65.2052, 19.5702, 38.1715.



This preview shows how white text looks on a background with the HunterLab color 65.2052, 19.5702,

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

65.2052, 19.5702, 38.1715

Protanopia

65.2953, -8.4918, 37.2421

Deuteranopia

65.3056, 4.7552, 38.4197



Tritanopia

65.2486, 35.6027, 12.6507

Trichromacy



Original Color

65.2052, 19.5702, 38.1715

Protanomaly

65.0947, 1.2484, 37.4863

Deuteranomaly

65.1990, 10.0633, 38.2731

Tritanomaly

65.0581, 28.4038, 25.8041

Monochromacy



Original Color

65.2052, 19.5702, 38.1715

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.0412, 2.0269, 20.9471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.2052, 19.5702, 38.1715 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, 155, 46)` looks like.

```
.text, #text, p{  
    color:rgb(242, 155, 46)  
}
```

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, 155, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 155, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 65.2052, 19.5702, 38.1715 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, 155, 46) }
```


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

```
.border{ border-color:rgb(242, 155, 46) }
```

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

Here you see how a box with a 4 pixel rgb(242, 155, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 155, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 155, 46);  
box-shadow:4px 4px 4px 4px rgb(242, 155,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.2052, 19.5702, 38.1715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 155, 46) }
```

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

```
.background{ background-color: rgb(242,  
155, 46) }
```

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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