

Converting Colors

HunterLab(68.2168, 19.6532,
38.9555)

Have a look what the booklet for
HunterLab(68.2168, 19.6532,
38.9555) contains.

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Color

**HunterLab(68.1690, 19.7681,
38.8699)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA23A
RGB	250, 162, 58
RGB Percent	98%, 64%, 23%
CMY	0.0196, 0.3647, 0.7725
CMYK	0.00, 0.35, 0.77, 0.02
HSL	33°, 95%, 60%
HSV	33°, 77%, 98%
XYZ	53.1084, 46.4701, 10.1735
YIQ	176.4560, 85.8320, -13.6880

Conversions

Conversions Part 2

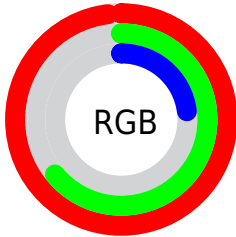
Format	Color
R _Y B	220, 250, 58
Decimal	16425530
CIE Lab	73.85, 24.54, 64.16
CIE LCh	74, 68.691, 69.071
Yxy	46.4725, 0.4839, 0.4234
Android (android.graphics.Color)	4294615610 (0xFFFAA23A)
YUV	176.4560, -58.3988, 64.4981
Hunter-Lab	68.1690, 19.7681, 38.8699

Details

The HunterLab color **68.1690, 19.7681, 38.8699** 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 **53.2523, 4.9490, -67.7955**, and the grayscale version is **66.2918, -3.5372, 3.6018**.

A 20% lighter version of the original color is **84.8855, -3.5017, 41.5378**, and **46.7367, 18.7146, 29.1266** is the 20% darker color. If you saturate the color by 10%, you get **65.1323, 24.9461, 39.2609**, and if you desaturate by 10%, it is **71.4241, 15.0063, 37.4801**.

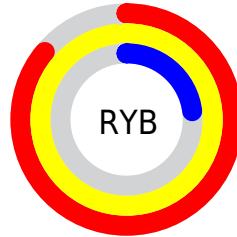
Distribution



Red (98%)

Green (64%)

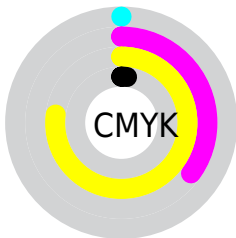
Blue (23%)



Red (86%)

Yellow (98%)

Blue (23%)

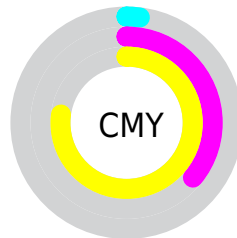


Cyan (0%)

Magenta (35%)

Yellow (77%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.1690, 19.7681, 38.8699 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 68.1690, 19.7681, 38.8699 by changing the saturation by 10% instead.


 68.1690, 19.7681,
38.8699


 68.1690, 19.7681,
38.8699


193.0557, 21.7852,
72.9664

 57.1129, 19.1858,
34.3653


 92.1551, 20.6662,
47.3075


 46.7275, 18.5095,
29.6317


 105.0210, 21.0049,
51.2895


 37.0613, 17.7228,
24.6627


 118.4354, 21.2769,
55.1418

 28.1725, 16.8107,
19.7207

 132.3768, 21.4870,
58.8812

 20.1360, 15.7556,
14.0952

 146.8260, 21.6395,
62.5222

 13.0543, 14.5436,
9.1380

161.7657, 21.7379,

 6.5295, 16.3181,

66.0768

4.5706

177.1803, 21.7856,
69.5553

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1690, 19.7681,
38.8699

■ 68.1690, 19.7681,
38.8699

■ 65.1323, 24.9461,
39.2609

■ 71.4241, 15.0063,
37.4801

■ 62.3164, 30.4831,
38.7140

■ 74.8812, 10.7059,
35.0948

■ 61.4576, 32.2903,
38.4352


■ 78.5294, 6.8737,
31.7552


■ 82.3559, 3.5047,
27.5198


■ 86.3480, 0.5834,

22.4550

 90.4938, -1.9121,
16.6294

 94.7820, -4.0073,
10.1094

 99.1042, -6.2684,
4.3578

 99.5308, -6.9717,
4.8510

Harmonies

Analogous

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



68.1708, 51.0179, 31.2571



68.1690, 19.7681, 38.8699



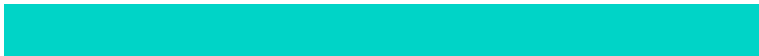
68.1708, -13.0744, 39.9021

Triad

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



68.1708, 19.7642, 38.8706



68.1708, -54.3895, -6.1789



68.1708, 39.6442, -59.1806

Complementary

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



68.1690, 19.7681, 38.8699



53.2523, 4.9490, -67.7955

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.



68.1708, 6.3349, -83.1061



68.1690, 19.7681, 38.8699



68.1708, -45.1420, -44.4594

Square

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



68.1708, 19.7642, 38.8706



68.1708, -52.1248, 21.4852



68.1708, -24.2608, -76.7404



68.1708, 63.8871, -20.6884

Rectangle

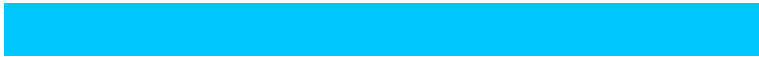
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1690, 19.7681, 38.8699



68.1708, -31.0400, 37.6094



68.1708, -24.2608, -76.7404



68.1708, 28.9117, -69.8470

Sweetspot

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



68.1708, 19.7642, 38.8706



89.8970, -0.4165, 20.8051



50.4736, 75.2383, -0.2981



40.8887, 0.2558, 10.5844

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1708, 19.7642, 38.8706



65.0613, 28.4756, 39.9687



93.7218, -26.6582, 54.7516



43.3395, -1.6112, 5.5243



45.0846, 22.7937, 28.1800



14.4728, 5.3198, 9.0112

Inverse Universe

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



53.2523, 4.9490, -67.7955



47.7387, 13.8802, -87.8406



33.2146, 54.2430, -140.0277



42.3718, -2.7940, -1.0650



32.2395, 12.8954, -68.1341



10.8253, 1.8996, -17.6314

Previews

White Background



This preview shows how the HunterLab color 68.1690, 19.7681, 38.8699 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 68.1690, 19.7681, 38.8699 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 68.1690, 19.7681, 38.8699 Background



This preview shows how black text looks on a background with the HunterLab color 68.1690, 19.7681, 38.8699.



This preview shows how white text looks on a background with the HunterLab color 68.1690, 19.7681,

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

68.1690, 19.7681, 38.8699

Protanopia

68.1992, -8.7564, 37.7824

Deuteranopia

68.2989, 4.8913, 39.1414



Tritanopia

68.0888, 35.7251, 12.4088

Trichromacy



Original Color

68.1690, 19.7681, 38.8699

Protanomaly

67.9798, 1.0007, 38.0558

Deuteranomaly

68.1796, 10.2012, 39.0474

Tritanomaly

67.9266, 28.5452, 25.4207

Monochromacy



Original Color

68.1690, 19.7681, 38.8699

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.9665, 2.0636, 20.7400

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1690, 19.7681, 38.8699 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(250, 162, 58)` looks like.

```
.text, #text, p{  
    color:rgb(250, 162, 58)  
}
```

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(250, 162, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1690, 19.7681, 38.8699 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(250, 162, 58) }
```


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

```
.border{ border-color:rgb(250, 162, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 162, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 162, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 162, 58);  
box-shadow:4px 4px 4px 4px rgb(250, 162,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1690, 19.7681, 38.8699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 162, 58) }
```

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

```
.background{ background-color: rgb(250,  
162, 58) }
```

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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