

Converting Colors

HunterLab(68.4910, 21.7907,
40.9608)

Have a look what the booklet for
HunterLab(68.4910, 21.7907,
40.9608) contains.

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Color

**HunterLab(68.4808, 21.8284,
40.9179)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA127
RGB	255, 161, 39
RGB Percent	100%, 63%, 15%
CMY	0.0000, 0.3686, 0.8470
CMYK	0.00, 0.37, 0.85, 0.00
HSL	34°, 100%, 58%
HSV	34°, 85%, 100%
XYZ	54.3510, 46.8962, 8.1067
YIQ	175.1980, 95.1860, -18.0140

Conversions

Conversions Part 2

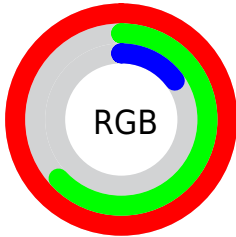
Format	Color
R_{YB}	205, 255, 39
Decimal	16752935
CIE _{Lab}	74.12, 26.54, 71.25
CIE _{LCh}	74, 76.031, 69.566
Yxy	46.8986, 0.4970, 0.4289
Android (android.graphics.Color)	4294943015 (0xFFFFA127)
YUV	175.1980, -67.1456, 69.9864
Hunter-Lab	68.4808, 21.8284, 40.9179

Details

The HunterLab color **68.4808, 21.8284, 40.9179** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **49.4220, 12.0173, -82.8329**, and the grayscale version is **65.8007, -3.5110, 3.5751**.

A 20% lighter version of the original color is **84.4007, -3.9856, 43.9930**, and **47.0571, 20.8527, 29.3615** is the 20% darker color. If you saturate the color by 10%, you get **65.6311, 27.1373, 40.5571**, and if you desaturate by 10%, it is **71.5404, 16.9042, 40.2963**.

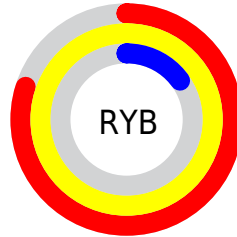
Distribution



Red (100%)

Green (63%)

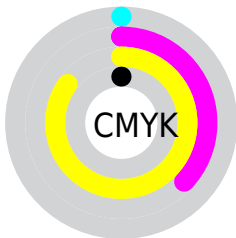
Blue (15%)



Red (80%)

Yellow (100%)

Blue (15%)

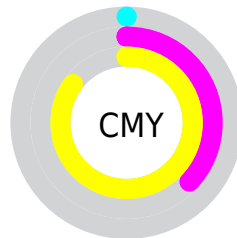


Cyan (0%)

Magenta (37%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.4808, 21.8284, 40.9179 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 68.4808, 21.8284, 40.9179 by changing the saturation by 10% instead.


 68.4808, 21.8284,
40.9179


 68.4808, 21.8284,
40.9179


193.4967, 24.5008,
78.2897


 57.4069, 21.1614,
35.9761


 92.4999, 22.8872,
50.1879


 47.0025, 20.3978,
30.7995


 105.3810, 23.3026,
54.5619


 37.3159, 19.5212,
25.5846


 118.8102, 23.6490,
58.7903

 28.4049, 18.5169,
19.8834

 132.7657, 23.9315,
62.8909

 20.3439, 17.3694,
14.2407

 147.2286, 24.1544,
66.8789

 13.2343, 16.0700,
9.2640

 162.1815, 24.3214,

 6.7576, 17.3785,

70.7675

4.7303

177.6089, 24.4359,
74.5679

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.4808, 21.8284,
40.9179

■ 68.4808, 21.8284,
40.9179

■ 65.6311, 27.1373,
40.5571

■ 71.5404, 16.9042,
40.2963

■ 64.2002, 30.0545,
40.0860

■ 74.7982, 12.4318,
38.6399

■ 78.2465, 8.4329,
35.9570

■ 81.8743, 4.9131,
32.2872

■ 85.6706, 1.8647,

27.6871

■ 89.6243, -0.7288,
22.2214

■ 93.7247, -2.8899,
15.9572

■ 97.9618, -4.6439,
8.9602

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



68.4826, 57.2665, 33.5195



68.4808, 21.8284, 40.9179



68.4826, -14.6302, 41.8106

Triad

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



68.4826, 21.8243, 40.9186



68.4826, -58.7813, -7.9578



68.4826, 45.4389, -67.5430

Complementary

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



68.4808, 21.8284, 40.9179



49.4220, 12.0173, -82.8329

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.



68.4826, 8.0522, -96.1087



68.4808, 21.8284, 40.9179



68.4826, -48.7124, -51.8309

Square

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



68.4826, 21.8243, 40.9186



68.4826, -56.5775, 22.7346



68.4826, -25.8848, -89.2297



68.4826, 72.7113, -23.0201

Rectangle

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



68.4808, 21.8284, 40.9179



68.4826, -34.1733, 39.5588



68.4826, -25.8848, -89.2297



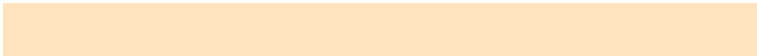
68.4826, 33.3595, -80.1486

Sweetspot

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



68.4826, 21.8243, 40.9186



89.5055, -0.6584, 22.3950



49.4919, 80.8230, 3.9175



40.7594, 0.0957, 11.2892

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4826, 21.8243, 40.9186



64.2005, 30.0546, 40.0862



95.3597, -29.2913, 57.0537



44.3732, -1.7817, 5.7398



46.7327, 21.0188, 29.1644



15.3098, 5.0289, 9.5219

Inverse Universe

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



49.4220, 12.0173, -82.8329



43.1060, 22.8319, -103.1664



30.5686, 63.7659, -163.5443



43.2182, -2.7202, -1.1972



31.6124, 15.4965, -72.9653



10.8886, 2.7064, -19.4521

Previews

White Background



This preview shows how the HunterLab color 68.4808, 21.8284, 40.9179 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 68.4808, 21.8284, 40.9179 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 68.4808, 21.8284, 40.9179 Background



This preview shows how black text looks on a background with the HunterLab color 68.4808, 21.8284, 40.9179.



This preview shows how white text looks on a background with the HunterLab color 68.4808, 21.8284,

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

68.4808, 21.8284, 40.9179

Protanopia

68.5825, -9.1858, 39.9531

Deuteranopia

68.4211, 5.0636, 41.0653



Tritanopia

68.5679, 34.6566, 12.8961

Trichromacy



Original Color

68.4808, 21.8284, 40.9179

Protanomaly

68.2073, 1.5370, 40.0692

Deuteranomaly

68.4456, 10.8451, 40.9883

Tritanomaly

68.3242, 28.2165, 27.7218

Monochromacy



Original Color

68.4808, 21.8284, 40.9179

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.6454, 2.1597, 22.6605

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4808, 21.8284, 40.9179 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, 161, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 39)  
}
```

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, 161, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4808, 21.8284, 40.9179 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, 161, 39) }
```


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

```
.border{ border-color:rgb(255, 161, 39) }
```

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

Here you see how a box with a 4 pixel rgb(255, 161, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4808, 21.8284, 40.9179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 39) }
```

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

```
.background{ background-color: rgb(255,  
161, 39) }
```

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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