

Converting Colors

HunterLab(68.9480, 20.5577,
41.9006)

Have a look what the booklet for
HunterLab(68.9480, 20.5577,
41.9006) contains.

HunterLab(68.9480, 20.5577, 41.9006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.9480, 20.5577,
41.9006)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA31C
RGB	255, 163, 28
RGB Percent	100%, 64%, 11%
CMY	0.0000, 0.3608, 0.8902
CMYK	0.00, 0.36, 0.89, 0.00
HSL	36°, 100%, 55%
HSV	36°, 89%, 100%
XYZ	54.5468, 47.5383, 7.3995
YIQ	175.1180, 98.1670, -22.4810

Conversions

Conversions Part 2

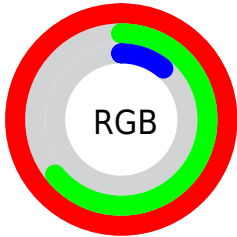
Format	Color
RYB	183, 255, 28
Decimal	16753436
CIELab	74.53, 25.28, 74.47
CIElCh	75, 78.647, 71.252
Yxy	47.5407, 0.4982, 0.4342
Android (android.graphics.Color)	4294943516 (0xFFFFA31C)
YUV	175.1180, -72.5292, 70.0565
Hunter-Lab	68.9480, 20.5577, 41.9006

Details

The HunterLab color **68.9480, 20.5577, 41.9006** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **45.7162, 18.5678, -94.2022**, and the grayscale version is **65.7884, -3.5103, 3.5744**.

A 20% lighter version of the original color is **84.9359, -5.4002, 45.4903**, and **47.5135, 19.8735, 29.6255** is the 20% darker color. If you saturate the color by 10%, you get **66.2880, 25.6135, 41.2303**, and if you desaturate by 10%, it is **71.7913, 15.8478, 41.6825**.

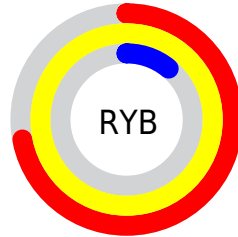
Distribution



Red (100%)

Green (64%)

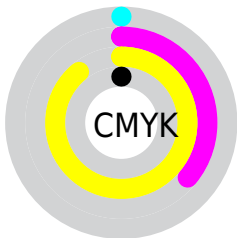
Blue (11%)



Red (72%)

Yellow (100%)

Blue (11%)

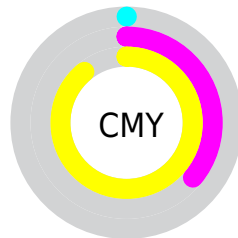


Cyan (0%)

Magenta (36%)

Yellow (89%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.9480, 20.5577, 41.9006 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 68.9480, 20.5577, 41.9006 by changing the saturation by 10% instead.


 68.9480, 20.5577,
41.9006


 68.9480, 20.5577,
41.9006


194.1568, 22.7844,
80.7275


 57.8475, 19.9493,
36.7712


 93.0162, 21.5058,
51.5340


 47.4148, 19.2467,
31.4079


 105.9203, 21.8689,
56.0812


 37.6978, 18.4334,
26.1345


 119.3714, 22.1646,
60.4767

 28.7536, 17.4948,
20.1275

 133.3480, 22.3980,
64.7383

 20.6561, 16.4140,
14.4592

 147.8313, 22.5732,
68.8817

 13.5050, 15.1781,
9.4535

 162.8039, 22.6940,

 7.0850, 15.8245,

72.9202

4.9595

178.2505, 22.7634,
76.8655

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.9480, 20.5577,
41.9006

■ 68.9480, 20.5577,
41.9006

■ 66.2880, 25.6135,
41.2303

■ 71.7913, 15.8478,
41.6825

■ 66.0342, 26.1184,
41.1472


■ 74.8137, 11.5742,
40.4391


■ 78.0113, 7.7655,
38.1495


■ 81.3765, 4.4339,
34.8325

■ 84.9004, 1.5768,

30.5306

 88.5740, -0.8177,
25.2993

 92.3885, -2.7684,
19.2001

 96.3349, -4.2977,
12.2964

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



68.9498, 57.9550, 35.0101



68.9480, 20.5577, 41.9006



68.9498, -16.9479, 42.5036

Triad

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



68.9498, 20.5536, 41.9013



68.9498, -60.2424, -10.7082



68.9498, 49.4249, -68.4097

Complementary

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



68.9480, 20.5577, 41.9006



45.7162, 18.5678, -94.2022

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.



68.9498, 10.6679, -100.2143



68.9480, 20.5577, 41.9006



68.9498, -49.2066, -56.9808

Square

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



68.9498, 20.5536, 41.9013



68.9498, -58.6887, 22.0647



68.9498, -24.9741, -95.1897



68.9498, 76.8869, -21.5621

Rectangle

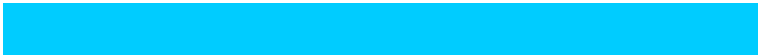
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.9480, 20.5577, 41.9006



68.9498, -36.6734, 40.0533



68.9498, -24.9741, -95.1897



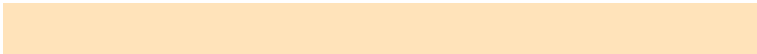
68.9498, 36.9814, -82.0969

Sweetspot

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



68.9498, 20.5536, 41.9013



89.3326, -1.2462, 24.1372



48.4876, 81.5605, 8.5573



40.7370, -0.2360, 12.0678

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.9498, 20.5536, 41.9013



66.0344, 26.1185, 41.1473



94.5782, -32.2872, 57.0244



44.4787, -1.9582, 5.8529



48.0474, 18.2197, 29.9256



15.6920, 4.2590, 9.7439

Inverse Universe

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



45.7162, 18.5678, -94.2022



41.2174, 27.1912, -110.2162



29.4165, 67.6608, -171.3727



43.1118, -2.5444, -1.3282



30.2516, 18.5800, -77.9206



10.4826, 3.5209, -20.7030

Previews

White Background



This preview shows how the HunterLab color 68.9480, 20.5577, 41.9006 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 68.9480, 20.5577, 41.9006 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 68.9480, 20.5577, 41.9006 Background



This preview shows how black text looks on a background with the HunterLab color 68.9480, 20.5577, 41.9006.



This preview shows how white text looks on a background with the HunterLab color 68.9480, 20.5577,

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

68.9480, 20.5577, 41.9006

Protanopia

69.0376, -9.2200, 41.0795

Deuteranopia

68.8973, 5.1254, 42.0876



Tritanopia

68.8617, 34.3807, 12.3848

Trichromacy



Original Color

68.9480, 20.5577, 41.9006

Protanomaly

68.5582, 1.1609, 41.0838

Deuteranomaly

68.7960, 10.4938, 41.9640

Tritanomaly

68.5212, 27.4322, 28.6681

Monochromacy



Original Color

68.9480, 20.5577, 41.9006

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.8546, 1.2458, 24.0242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.9480, 20.5577, 41.9006 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, 163, 28)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 28)  
}
```

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, 163, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 68.9480, 20.5577, 41.9006 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, 163, 28) }
```


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

```
.border{ border-color:rgb(255, 163, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 28);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.9480, 20.5577, 41.9006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 28) }
```

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

```
.background{ background-color: rgb(255,  
163, 28) }
```

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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