

Converting Colors

HunterLab(68.4762, 18.9554,
42.5265)

Have a look what the booklet for
HunterLab(68.4762, 18.9554,
42.5265) contains.

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Color

**HunterLab(68.4762, 18.9554,
42.5265)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA300
RGB	252, 163, 0
RGB Percent	99%, 64%, 0%
CMY	0.0118, 0.3608, 0.9999
CMYK	0.00, 0.35, 1.00, 0.01
HSL	39°, 100%, 49%
HSV	39°, 100%, 99%
XYZ	53.2422, 46.8899, 6.2446
YIQ	171.0290, 105.3670, -31.8250

Conversions

Conversions Part 2

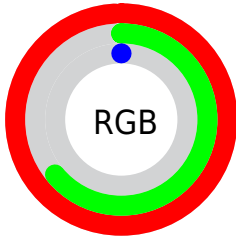
Format	Color
RYB	138, 252, 0
Decimal	16556800
CIELab	74.12, 23.72, 78.25
CIELCh	74, 81.766, 73.136
Yxy	46.8923, 0.5005, 0.4408
Android (android.graphics.Color)	4294746880 (0xFFFC300)
YUV	171.0290, -84.3173, 71.0116
Hunter-Lab	68.4762, 18.9554, 42.5265

Details

The HunterLab color **68.4762, 18.9554, 42.5265** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **37.6494, 34.3597, -121.2295**, and the grayscale version is **64.1367, -3.4222, 3.4847**.

A 20% lighter version of the original color is **84.8336, -5.9620, 46.9998**, and **47.1038, 18.6370, 29.3514** is the 20% darker color. If you saturate the color by 10%, you get **68.4763, 18.9545, 42.5266**, and if you desaturate by 10%, it is **70.8775, 14.6224, 43.1507**.

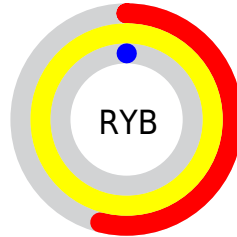
Distribution



Red (99%)

Green (64%)

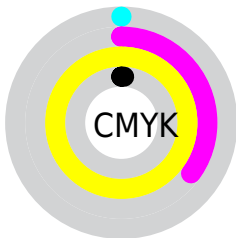
Blue (0%)



Red (54%)

Yellow (99%)

Blue (0%)

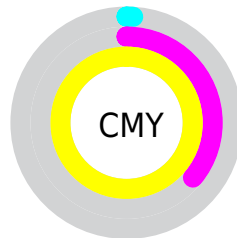


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4762, 18.9554, 42.5265 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 68.4762, 18.9554, 42.5265 by changing the saturation by 10% instead.

68.4762, 18.9554,
42.5265

68.4762, 18.9554,
42.5265

193.4902, 20.6825,
83.1601

57.4026, 18.4113,
37.1620

92.4948, 19.7812,
52.6155

46.9985, 17.7749,
31.5670

105.3757, 20.0858,
57.3790

37.3122, 17.0300,
26.1185

118.8046, 20.3248,
61.9825

28.4015, 16.1613,
19.8810

132.7600, 20.5030,
66.4441

20.3408, 15.1508,
14.2386

147.2226, 20.6246,
70.7796

13.2316, 13.9823,
9.2621

162.1753, 20.6930,

6.7543, 15.2545,

75.0030

4.7280

177.6026, 20.7114,
79.1263

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4762, 18.9554,
42.5265

■ 68.4762, 18.9554,
42.5265

■ 68.4763, 18.9545,
42.5266

■ 70.8775, 14.6224,
43.1507

■ 73.4156, 10.6308,
42.9491

■ 76.0998, 7.0593,
41.7429

■ 78.9287, 3.9392,
39.4911

■ 81.8985, 1.2837,

36.1939

■ 85.0041, -0.9068,
31.8772

■ 88.2398, -2.6405,
26.5823

■ 91.5994, -3.9320,
20.3599

■ 95.0767, -4.7997,
13.2651

Harmonies

Analogous

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



68.4780, 58.5228, 36.3351



68.4762, 18.9554, 42.5265



68.4780, -19.5457, 42.8115

Triad

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



68.4780, 18.9514, 42.5271



68.4780, -61.4575, -14.1056



68.4780, 54.0695, -69.2595

Complementary

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



68.4762, 18.9554, 42.5265



37.6494, 34.3597, -121.2295

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.



68.4780, 13.8259, -105.0130



68.4762, 18.9554, 42.5265



68.4780, -49.3913, -63.2174

Square

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



68.4780, 18.9514, 42.5271



68.4780, -60.6733, 21.0398



68.4780, -23.6672, -102.3408



68.4780, 81.6441, -19.7663

Rectangle

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



68.4762, 18.9554, 42.5265



68.4780, -39.3231, 40.1981



68.4780, -23.6672, -102.3408



68.4780, 41.2367, -84.2460

Sweetspot

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



68.4780, 18.9514, 42.5271



89.4269, -2.6723, 26.9576



46.3418, 81.0425, 16.8992



40.7257, -0.9189, 13.5733

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4780, 18.9514, 42.5271



69.3897, 19.2403, 43.0945



91.9716, -37.0409, 56.0237



43.7021, -2.2171, 5.9126



49.7127, 13.1039, 30.8622



15.7743, 2.7409, 9.7680

Inverse Universe

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



37.6494, 34.3597, -121.2295



38.1341, 34.8914, -122.9848



27.1334, 72.3648, -183.2530



42.0070, -2.1899, -1.5149



27.6281, 23.6165, -85.5139



9.4776, 4.6454, -21.8742

Previews

White Background



This preview shows how the HunterLab color 68.4762, 18.9554, 42.5265 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 68.4762, 18.9554, 42.5265 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 68.4762, 18.9554, 42.5265 Background



This preview shows how black text looks on a background with the HunterLab color 68.4762, 18.9554, 42.5265.



This preview shows how white text looks on a background with the HunterLab color 68.4762, 18.9554,

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

68.4762, 18.9554, 42.5265

Protanopia

68.5802, -9.4065, 41.5994

Deuteranopia

68.4661, 5.0621, 42.2771



Tritanopia

68.5941, 34.7857, 12.5184

Trichromacy



Original Color

68.4762, 18.9554, 42.5265

Protanomaly

68.3833, 0.4471, 41.8708

Deuteranomaly

68.3569, 10.3776, 42.3029

Tritanomaly

67.9590, 26.6599, 30.9167

Monochromacy



Original Color

68.4762, 18.9554, 42.5265

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.3341, 0.0143, 26.3090

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4762, 18.9554, 42.5265 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(252, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 163, 0)  
}
```

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(252, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 163, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4762, 18.9554, 42.5265 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(252, 163, 0) }
```


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

```
.border{ border-color:rgb(252, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 163,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4762, 18.9554, 42.5265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 163, 0) }
```

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

```
.background{ background-color: rgb(252,  
163, 0) }
```

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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