

Converting Colors

HunterLab(80.3701, 48.5852,
46.0458)

Have a look what the booklet for
HunterLab(80.3701, 48.5852,
46.0458) contains.

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Color

**HunterLab(70.5035, 19.2804,
38.9087)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA846
RGB	255, 168, 70
RGB Percent	100%, 66%, 27%
CMY	0.0000, 0.3411, 0.7255
CMYK	0.00, 0.34, 0.73, 0.00
HSL	32°, 100%, 64%
HSV	32°, 73%, 100%
XYZ	56.3481, 49.7074, 12.4190
YIQ	182.8410, 83.3100, -12.0340

Conversions

Conversions Part 2

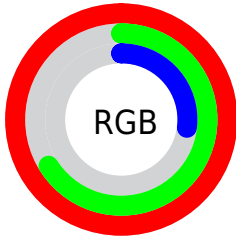
Format	Color
R _Y B	234, 255, 70
Decimal	16754758
CIE Lab	75.89, 23.95, 61.44
CIE LCh	76, 65.942, 68.699
Yxy	49.7100, 0.4756, 0.4196
Android (android.graphics.Color)	4294944838 (0xFFFFA846)
YUV	182.8410, -55.6306, 63.2834
Hunter-Lab	70.5035, 19.2804, 38.9087

Details

The HunterLab color **70.5035, 19.2804, 38.9087** 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 **57.1266, 1.9919, -62.9540**, and the grayscale version is **68.9496, -3.6790, 3.7462**.

A 20% lighter version of the original color is **86.8708, -5.7182, 40.6399**, and **48.8321, 17.9235, 30.1250** is the 20% darker color. If you saturate the color by 10%, you get **67.2516, 24.5621, 39.7254**, and if you desaturate by 10%, it is **73.9845, 14.4407, 37.0692**.

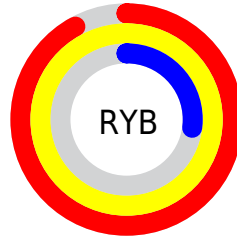
Distribution



Red (100%)

Green (66%)

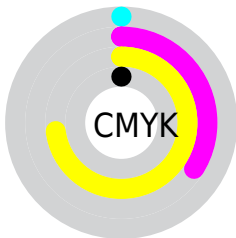
Blue (27%)



Red (92%)

Yellow (100%)

Blue (27%)

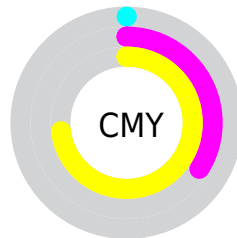


Cyan (0%)

Magenta (34%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5035, 19.2804, 38.9087 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 70.5035, 19.2804, 38.9087 by changing the saturation by 10% instead.

70.5035, 19.2804,
38.9087

70.5035, 19.2804,
38.9087

196.3493, 20.9899,
71.5440

59.3153, 18.7421,
34.6193

94.7338, 20.0982,
46.9538

48.7892, 18.1129,
30.1121

107.7134, 20.4001,
50.7571

38.9720, 17.3772,
25.3593

121.2370, 20.6369,
54.4409

29.9192, 16.5203,
20.8820

135.2835, 20.8135,
58.0212

21.7016, 15.5246,
15.1911

149.8341, 20.9338,
61.5113

14.4149, 14.3732,
10.0905

164.8719, 21.0013,

8.0756, 13.7016,

64.9223

5.6529

180.3816, 21.0191,
68.2639

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.5035, 19.2804,
38.9087

■ 70.5035, 19.2804,
38.9087

■ 67.2516, 24.5621,
39.7254

■ 73.9845, 14.4407,
37.0692

■ 64.2347, 30.2407,
39.5418

■ 77.6755, 10.0802,
34.2316


■ 62.1391, 34.6450,
38.8963


■ 81.5642, 6.1992,
30.4509

■ 85.6361, 2.7875,
25.7943

■ 89.8778, -0.1743,

20.3335

 94.2764, -2.7112,
14.1396

 98.8201, -4.8507,
7.2797

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.



70.5053, 49.1822, 30.9269



70.5035, 19.2804, 38.9087



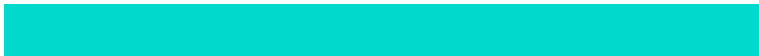
70.5053, -12.5763, 40.0735

Triad

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



70.5053, 19.2765, 38.9094



70.5053, -53.6372, -5.3105



70.5053, 37.6117, -56.4854

Complementary

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



70.5035, 19.2804, 38.9087



57.1266, 1.9919, -62.9540

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.



70.5053, 5.4998, -78.6259



70.5035, 19.2804, 38.9087



70.5053, -44.5969, -41.7455

Square

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



70.5053, 19.2765, 38.9094



70.5053, -51.2414, 21.5192



70.5053, -24.1828, -72.3009



70.5053, 60.9781, -20.0868

Rectangle

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



70.5035, 19.2804, 38.9087



70.5053, -30.2232, 37.7042



70.5053, -24.1828, -72.3009



70.5053, 27.2791, -66.4290

Sweetspot

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



70.5053, 19.2765, 38.9094



90.1151, -0.3240, 20.0127



53.0644, 74.4022, -2.8614



41.1507, 0.1988, 9.9838

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.5053, 19.2765, 38.9094



65.8789, 27.0467, 39.7629



96.2505, -25.6764, 55.2900



44.2496, -1.5744, 5.6070



45.2525, 24.2864, 28.3095



14.8752, 5.9321, 9.2699

Inverse Universe

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



57.1266, 1.9919, -62.9540



50.5684, 9.2648, -79.6026



36.0839, 50.6020, -132.3297



43.3431, -2.9264, -1.0437



33.2770, 11.9379, -67.3639



11.3787, 1.7675, -18.0378

Previews

White Background



This preview shows how the HunterLab color 70.5035, 19.2804, 38.9087 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 70.5035, 19.2804, 38.9087 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 70.5035, 19.2804, 38.9087 Background



This preview shows how black text looks on a background with the HunterLab color 70.5035, 19.2804, 38.9087.



This preview shows how white text looks on a background with the HunterLab color 70.5035, 19.2804,

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

70.5035, 19.2804, 38.9087

Protanopia

70.7415, -8.7812, 37.7062

Deuteranopia

70.5255, 5.3202, 39.0864



Tritanopia

70.4911, 31.9564, 11.5899

Trichromacy



Original Color

70.5035, 19.2804, 38.9087

Protanomaly

70.5060, 0.9817, 38.0147

Deuteranomaly

70.4036, 10.6551, 38.9634

Tritanomaly

70.3791, 26.0160, 24.8222

Monochromacy



Original Color

70.5035, 19.2804, 38.9087

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

68.8107, 1.7554, 20.3812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5035, 19.2804, 38.9087 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, 168, 70)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 70)  
}
```

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, 168, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5035, 19.2804, 38.9087 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, 168, 70) }
```


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

```
.border{ border-color:rgb(255, 168, 70) }
```

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

Here you see how a box with a 4 pixel rgb(255, 168, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 70);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5035, 19.2804, 38.9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 70) }
```

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

```
.background{ background-color: rgb(255,  
168, 70) }
```

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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