

Converting Colors

HunterLab(70.2439, 16.6188,
39.1804)

Have a look what the booklet for
HunterLab(70.2439, 16.6188,
39.1804) contains.

HunterLab(70.1987, 16.8910, 39.1985)	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(70.1987, 16.8910,
39.1985)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA942
RGB	251, 169, 66
RGB Percent	98%, 66%, 26%
CMY	0.0157, 0.3372, 0.7412
CMYK	0.00, 0.33, 0.74, 0.02
HSL	33°, 96%, 62%
HSV	33°, 74%, 98%
XYZ	54.9551, 49.2786, 11.7695
YIQ	181.7760, 81.9350, -14.6490

Conversions

Conversions Part 2

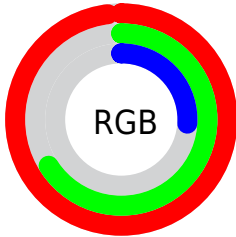
Format	Color
R_{YB}	213, 251, 66
Decimal	16492866
CIE _{Lab}	75.63, 21.61, 62.70
CIE _{LCh}	76, 66.320, 70.986
Yxy	49.2811, 0.4737, 0.4248
Android (android.graphics.Color)	4294682946 (0xFFFB942)
YUV	181.7760, -57.0776, 60.7094
Hunter-Lab	70.1987, 16.8910, 39.1985

Details

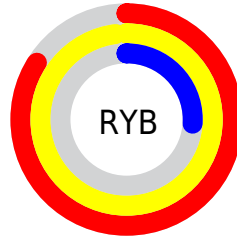
The HunterLab color **70.1987, 16.8910, 39.1985** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **54.1311, 5.0171, -66.5210**, and the grayscale version is **68.5096, -3.6555, 3.7223**.

A 20% lighter version of the original color is **87.1363, -6.4585, 41.4892**, and **48.5195, 15.7008, 30.1723** is the 20% darker color. If you saturate the color by 10%, you get **67.1433, 21.7746, 39.9099**, and if you desaturate by 10%, it is **73.4588, 12.4418, 37.4754**.

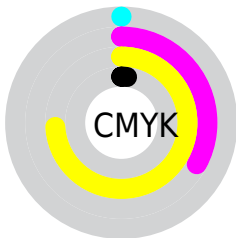
Distribution



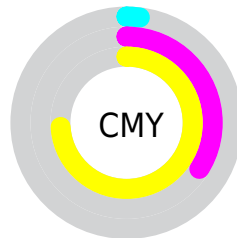
- Red (98%)
- Green (66%)
- Blue (26%)



- Red (84%)
- Yellow (98%)
- Blue (26%)



- Cyan (0%)
- Magenta (33%)
- Yellow (74%)
- Black (2%)





- Cyan (2%)
- Magenta (34%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.1987, 16.8910, 39.1985 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 70.1987, 16.8910, 39.1985 by changing the saturation by 10% instead.

 70.1987, 16.8910,
39.1985

 70.1987, 16.8910,
39.1985


195.9203, 17.8240,
72.4424

 59.0275, 16.4537,
34.8236


 94.3974, 17.5175,
47.4023


 48.5197, 15.9294,
30.2273


 107.3623, 17.7283,
51.2791


 38.7220, 15.3025,
25.3841


 120.8718, 17.8769,
55.0328

 29.6903, 14.5581,
20.7832

 134.9046, 17.9679,
58.6798

 21.4960, 13.6778,
15.0472

 149.4421, 18.0049,
62.2336

 14.2356, 12.6405,
9.9649

164.4672, 17.9914,

 7.8919, 12.2242,

65.7057

5.5243

179.9646, 17.9303,
69.1058

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.1987, 16.8910,
39.1985

■ 70.1987, 16.8910,
39.1985

■ 67.1433, 21.7746,
39.9099

■ 73.4588, 12.4418,
37.4754

■ 64.2948, 27.0520,
39.6467

■ 76.9079, 8.4619,
34.7527


■ 62.6046, 30.5100,
39.1108


■ 80.5365, 4.9521,
31.0743


■ 84.3328, 1.9034,
26.4989

■ 88.2856, -0.7016,

21.0918

 92.3839, -2.8854,
14.9196

 96.6176, -4.6735,
8.0471

 99.6238, -6.6467,
4.9667

Harmonies

Analogous

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



70.2005, 47.5265, 31.8949



70.1987, 16.8910, 39.1985



70.2005, -14.8219, 39.9326

Triad

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



70.2005, 16.8872, 39.1992



70.2005, -53.4739, -7.9495



70.2005, 40.0966, -54.3600

Complementary

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



70.1987, 16.8910, 39.1985



54.1311, 5.0171, -66.5210

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.



70.2005, 8.0548, -78.4724



70.1987, 16.8910, 39.1985



70.2005, -43.5429, -44.8676

Square

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



70.2005, 16.8872, 39.1992



70.2005, -51.9466, 19.9891



70.2005, -22.2473, -74.3929



70.2005, 62.4597, -17.4333

Rectangle

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



70.1987, 16.8910, 39.1985



70.2005, -32.0459, 37.2546



70.2005, -22.2473, -74.3929



70.2005, 29.8880, -64.8329

Sweetspot

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



70.2005, 16.8872, 39.1992



90.5804, -1.1184, 20.4680



51.5596, 73.0973, 0.2323



41.3912, -0.2136, 10.2141

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2005, 16.8872, 39.1992



67.0678, 24.4730, 40.6336



93.9256, -27.5146, 54.1409



43.3915, -1.6983, 5.5801



45.7134, 21.4093, 28.5432



14.6521, 4.9492, 9.1152

Inverse Universe

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



54.1311, 5.0171, -66.5210



48.4618, 13.1432, -85.6548



35.1680, 51.5532, -131.2934



42.3193, -2.7074, -1.1295



31.5358, 14.4035, -70.5100



10.6239, 2.2844, -18.2102

Previews

White Background



This preview shows how the HunterLab color 70.1987, 16.8910, 39.1985 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 70.1987, 16.8910, 39.1985 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 70.1987, 16.8910, 39.1985 Background



This preview shows how black text looks on a background with the HunterLab color 70.1987, 16.8910, 39.1985.



This preview shows how white text looks on a background with the HunterLab color 70.1987, 16.8910,

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

70.1987, 16.8910, 39.1985

Protanopia

70.2890, -8.9306, 38.1270

Deuteranopia

70.0905, 5.2464, 39.3033



Tritanopia

70.2438, 32.4939, 11.3327

Trichromacy



Original Color

70.1987, 16.8910, 39.1985

Protanomaly

69.9425, 0.4482, 38.3333

Deuteranomaly

70.1196, 9.6561, 39.2750

Tritanomaly

69.9705, 26.0342, 24.7681

Monochromacy



Original Color

70.1987, 16.8910, 39.1985

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.2665, 1.3036, 20.5398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.1987, 16.8910, 39.1985 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(251, 169, 66)` looks like.

```
.text, #text, p{  
    color:rgb(251, 169, 66)  
}
```

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(251, 169, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 169, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 70.1987, 16.8910, 39.1985 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(251, 169, 66) }
```


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

```
.border{ border-color:rgb(251, 169, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 169, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 169, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 169, 66);  
box-shadow:4px 4px 4px 4px rgb(251, 169,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.1987, 16.8910, 39.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 169, 66) }
```

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

```
.background{ background-color: rgb(251,  
169, 66) }
```

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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