

Converting Colors

HunterLab(71.0247, 18.0207,
39.7391)

Have a look what the booklet for
HunterLab(71.0247, 18.0207,
39.7391) contains.

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Color

**HunterLab(70.9949, 18.0614,
39.7585)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAA42
RGB	255, 170, 66
RGB Percent	100%, 67%, 26%
CMY	0.0000, 0.3333, 0.7412
CMYK	0.00, 0.33, 0.74, 0.00
HSL	33°, 100%, 63%
HSV	33°, 74%, 100%
XYZ	56.5980, 50.4028, 11.8999
YIQ	183.5590, 84.0440, -14.3240

Conversions

Conversions Part 2

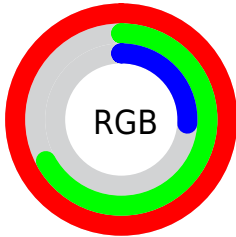
Format	Color
R _Y B	220, 255, 66
Decimal	16755266
CIE Lab	76.32, 22.74, 63.54
CIE LCh	76, 67.489, 70.312
Yxy	50.4053, 0.4760, 0.4239
Android (android.graphics.Color)	4294945346 (0xFFFFAA42)
YUV	183.5590, -57.9566, 62.6538
Hunter-Lab	70.9949, 18.0614, 39.7585

Details

The HunterLab color **70.9949, 18.0614, 39.7585** 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 **55.2357, 4.6890, -67.4330**, and the grayscale version is **69.2599, -3.6955, 3.7630**.

A 20% lighter version of the original color is **87.4451, -6.9644, 41.7133**, and **49.2893, 16.8500, 30.6668** is the 20% darker color. If you saturate the color by 10%, you get **67.8636, 23.1430, 40.4291**, and if you desaturate by 10%, it is **74.3404, 13.4199, 38.0584**.

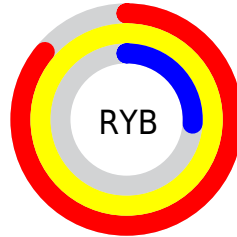
Distribution



Red (100%)

Green (67%)

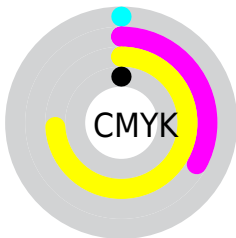
Blue (26%)



Red (86%)

Yellow (100%)

Blue (26%)

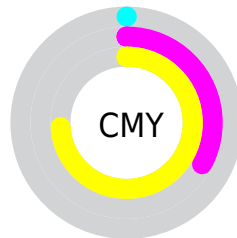


Cyan (0%)

Magenta (33%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.9949, 18.0614, 39.7585 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 70.9949, 18.0614, 39.7585 by changing the saturation by 10% instead.


 70.9949, 18.0614,
39.7585


 70.9949, 18.0614,
39.7585


197.0403, 19.3393,
73.3238


 59.7792, 17.5801,
35.3447


 95.2760, 18.7718,
48.0392

 49.2240, 17.0106,
30.7098


 108.2793, 19.0228,
51.9534


 39.3756, 16.3372,
25.8290


 121.8255, 19.2106,
55.7438

 30.2888, 15.5454,
21.2022

 135.8939, 19.3397,
59.4266

 22.0339, 14.6172,
15.4237

 150.4656, 19.4139,
63.0153

 14.7051, 13.5333,
10.2936

165.5238, 19.4367,

 8.3629, 12.6679,

66.5215

5.8540

181.0534, 19.4109,
69.9548

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.9949, 18.0614,
39.7585

■ 70.9949, 18.0614,
39.7585

■ 67.8636, 23.1430,
40.4291

■ 74.3404, 13.4199,
38.0584

■ 64.9494, 28.6201,
40.1099

■ 77.8835, 9.2563,
35.3411


■ 63.3335, 31.9626,
39.5853


■ 81.6140, 5.5724,
31.6525

■ 85.5193, 2.3596,
27.0535

■ 89.5874, -0.3997,

21.6118

 93.8067, -2.7289,
15.3962

 98.1665, -4.6542,
8.4735

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.



70.9967, 49.2459, 32.1821



70.9949, 18.0614, 39.7585



70.9967, -14.4336, 40.6231

Triad

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



70.9967, 18.0575, 39.7592



70.9967, -54.5876, -7.3844



70.9967, 40.3679, -56.5144

Complementary

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



70.9949, 18.0614, 39.7585



55.2357, 4.6890, -67.4330

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.



70.9967, 7.5158, -80.7501



70.9949, 18.0614, 39.7585



70.9967, -44.7421, -45.1463

Square

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



70.9967, 18.0575, 39.7592



70.9967, -52.7725, 20.8337



70.9967, -23.2820, -75.8592



70.9967, 63.6181, -18.7159

Rectangle

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



70.9949, 18.0614, 39.7585



70.9967, -32.1523, 38.0199



70.9967, -23.2820, -75.8592



70.9967, 29.8640, -67.1370

Sweetspot

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



70.9967, 18.0575, 39.7592



90.4685, -0.9277, 20.3586



52.3380, 74.7677, 0.3675



41.3334, -0.1146, 10.1588

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.9967, 18.0575, 39.7592



66.4131, 25.7740, 40.3911



95.6160, -28.0779, 55.2303



44.3219, -1.6958, 5.6848



46.1106, 22.3766, 28.8048



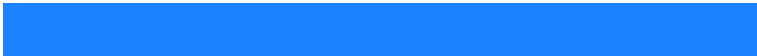
15.1278, 5.4035, 9.4163

Inverse Universe

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



55.2357, 4.6890, -67.4330



48.4377, 12.9918, -85.7298



35.5400, 52.9986, -135.0020



43.2699, -2.8057, -1.1336



32.2941, 14.0127, -70.6142



11.0901, 2.3148, -18.8587

Previews

White Background



This preview shows how the HunterLab color 70.9949, 18.0614, 39.7585 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 70.9949, 18.0614, 39.7585 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 70.9949, 18.0614, 39.7585 Background



This preview shows how black text looks on a background with the HunterLab color 70.9949, 18.0614, 39.7585.



This preview shows how white text looks on a background with the HunterLab color 70.9949, 18.0614,

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

70.9949, 18.0614, 39.7585

Protanopia

71.0998, -9.1567, 38.6800

Deuteranopia

71.0155, 5.4450, 39.9285



Tritanopia

71.0433, 31.1510, 11.3274

Trichromacy



Original Color

70.9949, 18.0614, 39.7585

Protanomaly

70.7491, 0.2354, 38.8811

Deuteranomaly

71.0461, 9.8666, 39.9032

Tritanomaly

70.8898, 24.9558, 25.2552

Monochromacy



Original Color

70.9949, 18.0614, 39.7585

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

69.1845, 1.4958, 21.0619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.9949, 18.0614, 39.7585 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, 170, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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(255, 170, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 70.9949, 18.0614, 39.7585 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, 170, 66) }
```


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

```
.border{ border-color:rgb(255, 170, 66) }
```

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

Here you see how a box with a 4 pixel rgb(255, 170, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.9949, 18.0614, 39.7585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 66) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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