

Converting Colors

HunterLab(72.5490, 25.6355,
42.5364)

Have a look what the booklet for
HunterLab(72.5490, 25.6355,
42.5364) contains.

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Color

**HunterLab(70.3656, 18.5693,
40.9466)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA834
RGB	255, 168, 52
RGB Percent	100%, 66%, 20%
CMY	0.0000, 0.3411, 0.7961
CMYK	0.00, 0.34, 0.80, 0.00
HSL	34°, 100%, 60%
HSV	34°, 80%, 100%
XYZ	55.8624, 49.5132, 9.8615
YIQ	180.7890, 89.0880, -17.6320

Conversions

Conversions Part 2

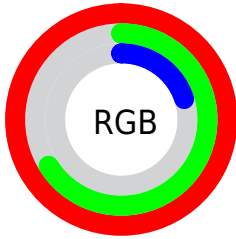
Format	Color
R _Y B	204, 255, 52
Decimal	16754740
CIE Lab	75.77, 23.26, 68.41
CIE LCh	76, 72.253, 71.220
Yxy	49.5157, 0.4848, 0.4297
Android (android.graphics.Color)	4294944820 (0xFFFFA834)
YUV	180.7890, -63.4930, 65.0830
Hunter-Lab	70.3656, 18.5693, 40.9466

Details

The HunterLab color **70.3656, 18.5693, 40.9466** 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 **51.3948, 9.7317, -77.3009**, and the grayscale version is **68.1203, -3.6347, 3.7011**.

A 20% lighter version of the original color is **86.6585, -6.8857, 43.7611**, and **48.8142, 17.8327, 30.3913** is the 20% darker color. If you saturate the color by 10%, you get **67.4370, 23.6010, 41.0821**, and if you desaturate by 10%, it is **73.4962, 13.9562, 39.7928**.

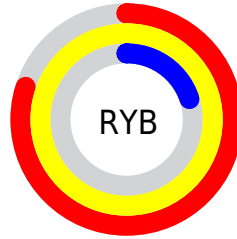
Distribution



Red (100%)

Green (66%)

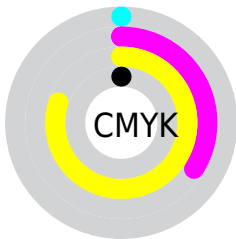
Blue (20%)



Red (80%)

Yellow (100%)

Blue (20%)

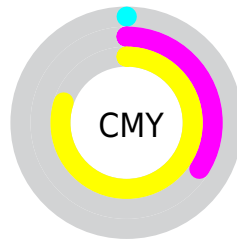


Cyan (0%)

Magenta (34%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.3656, 18.5693, 40.9466 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 70.3656, 18.5693, 40.9466 by changing the saturation by 10% instead.


 70.3656, 18.5693,
40.9466

 70.3656, 18.5693,
40.9466

196.1553, 20.0525,
76.8153


 59.1851, 18.0602,
36.2169


 94.5817, 19.3315,
49.8208


 48.6673, 17.4614,
31.2574


 107.5546, 19.6068,
54.0120


 38.8589, 16.7570,
26.0802


 121.0718, 19.8180,
58.0670

 29.8156, 15.9324,
20.8709

 135.1121, 19.9696,
62.0029

 21.6086, 14.9696,
15.1260

 149.6568, 20.0656,
65.8342

 14.3338, 13.8505,
10.0336

 164.6889, 20.1095,

 7.9931, 13.2795,

69.5732

5.5951

180.1930, 20.1042,
73.2306

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.3656, 18.5693,
40.9466

■ 70.3656, 18.5693,
40.9466

■ 67.4370, 23.6010,
41.0821

■ 73.4962, 13.9562,
39.7928

■ 64.7044, 28.9713,
40.3513

■ 76.8158, 9.8111,
37.6002

■ 64.6001, 29.1848,
40.3172

■ 80.3165, 6.1441,
34.3938

■ 83.9877, 2.9535,
30.2216

■ 87.8188, 0.2265,

25.1436

■ 91.7993, -2.0563,
19.2252

■ 95.9193, -3.9187,
12.5324

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.



70.3674, 52.5196, 33.7362



70.3656, 18.5693, 40.9466



70.3674, -16.0403, 41.6131

Triad

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



70.3674, 18.5653, 40.9473



70.3674, -57.1172, -9.3862



70.3674, 44.7466, -60.8988

Complementary

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



70.3656, 18.5693, 40.9466



51.3948, 9.7317, -77.3009

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.



70.3674, 9.4283, -88.6362



70.3656, 18.5693, 40.9466



70.3674, -46.5149, -50.7544

Square

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



70.3674, 18.5653, 40.9473



70.3674, -55.6015, 21.0640



70.3674, -23.6052, -84.2316



70.3674, 69.5065, -19.2941

Rectangle

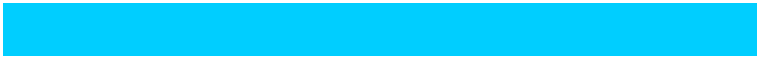
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3656, 18.5693, 40.9466



70.3674, -34.5579, 38.9722



70.3674, -23.6052, -84.2316



70.3674, 33.4617, -72.8778

Sweetspot

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



70.3674, 18.5653, 40.9473



90.0329, -1.1065, 21.9250



50.6050, 77.9275, 3.4920



40.9999, -0.1273, 11.1038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3674, 18.5653, 40.9473



65.6694, 27.0129, 40.6736



95.1579, -29.9386, 56.0872



44.3965, -1.8208, 5.7649



47.0195, 20.4002, 29.3303



15.3935, 4.8585, 9.5704

Inverse Universe

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



51.3948, 9.7317, -77.3009



44.2400, 20.7093, -99.1695



32.8915, 59.0848, -149.2358



43.1946, -2.6813, -1.2262



31.3065, 16.1752, -74.0479



10.7978, 2.8855, -19.7253

Previews

White Background



This preview shows how the HunterLab color 70.3656, 18.5693, 40.9466 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 70.3656, 18.5693, 40.9466 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 70.3656, 18.5693, 40.9466 Background



This preview shows how black text looks on a background with the HunterLab color 70.3656, 18.5693, 40.9466.



This preview shows how white text looks on a background with the HunterLab color 70.3656, 18.5693,

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

70.3656, 18.5693, 40.9466

Protanopia

70.6849, -9.3025, 40.1459

Deuteranopia

70.5098, 4.9956, 41.1839



Tritanopia

70.2438, 32.4939, 11.3327

Trichromacy



Original Color

70.3656, 18.5693, 40.9466

Protanomaly

70.3508, 0.1411, 40.3061

Deuteranomaly

70.2646, 9.9211, 41.0185

Tritanomaly

70.0092, 25.9597, 26.2986

Monochromacy



Original Color

70.3656, 18.5693, 40.9466

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

67.9572, 1.4829, 22.2232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3656, 18.5693, 40.9466 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3656, 18.5693, 40.9466 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, 52) }
```


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

```
.border{ border-color:rgb(255, 168, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3656, 18.5693, 40.9466 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, 52) }
```

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

```
.background{ background-color: rgb(255,  
168, 52) }
```

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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