

Converting Colors

HunterLab(72.3090, 18.2943,
34.5696)

Have a look what the booklet for
HunterLab(72.3090, 18.2943,
34.5696) contains.

HunterLab(72.1848, 18.5390, 34.4796)	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(72.1848, 18.5390,
34.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD66
RGB	255, 173, 102
RGB Percent	100%, 68%, 40%
CMY	0.0000, 0.3215, 0.6000
CMYK	0.00, 0.32, 0.60, 0.00
HSL	28°, 100%, 70%
HSV	28°, 60%, 100%
XYZ	58.5819, 52.1065, 19.5404
YIQ	189.4240, 71.6630, -4.6970

Conversions

Conversions Part 2

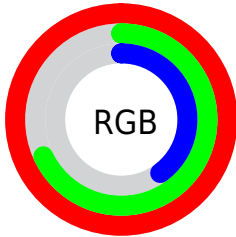
Format	Color
R _Y B	255, 234, 102
Decimal	16756070
CIE Lab	77.35, 23.16, 48.13
CIE LCh	77, 53.411, 64.301
Yxy	52.1091, 0.4498, 0.4001
Android (android.graphics.Color)	4294946150 (0xFFFFAD66)
YUV	189.4240, -43.1000, 57.5102
Hunter-Lab	72.1848, 18.5390, 34.4796

Details

The HunterLab color **72.1848, 18.5390, 34.4796** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.5761, -7.4684, -43.3604**, and the grayscale version is **71.6709, -3.8242, 3.8940**.

A 20% lighter version of the original color is **89.2554, -5.8545, 34.2969**, and **50.1500, 17.5381, 27.3683** is the 20% darker color. If you saturate the color by 10%, you get **68.3393, 24.1136, 36.5206**, and if you desaturate by 10%, it is **76.2937, 13.4259, 31.5094**.

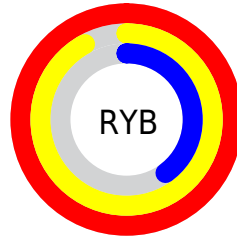
Distribution



Red (100%)

Green (68%)

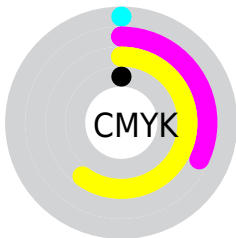
Blue (40%)



Red (100%)

Yellow (92%)

Blue (40%)

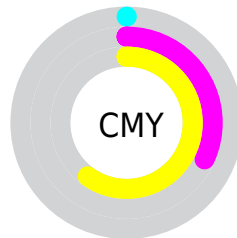


Cyan (0%)

Magenta (32%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (32%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.1848, 18.5390, 34.4796 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 72.1848, 18.5390, 34.4796 by changing the saturation by 10% instead.


 72.1848, 18.5390,
34.4796


 72.1848, 18.5390,
34.4796


198.7102, 19.9052,
60.9402


 60.9032, 18.0482,
31.0656


 96.5878, 19.2693,
40.9118


 50.2780, 17.4694,
27.4807

 109.6480, 19.5303,
43.9707

 40.3545, 16.7873,
23.6893


 123.2489, 19.7280,
46.9463

 31.1864, 15.9876,
19.6491

 137.3698, 19.8669,
49.8511

 22.8421, 15.0528,
15.9895

151.9923, 19.9510,
52.6952

 15.4127, 13.9643,
10.7889

167.0998, 19.9834,

 9.0180, 12.7693,

55.4869

6.3126

182.6770, 19.9673,
58.2332

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.1848, 18.5390,
34.4796

■ 72.1848, 18.5390,
34.4796

■ 68.3393, 24.1136,
36.5206

■ 76.2937, 13.4259,
31.5094

■ 64.7741, 30.1262,
37.5739

■ 80.6383, 8.7928,
27.6837

■ 61.5122, 36.4989,
37.6284

■ 85.1995, 4.6249,
23.0854

■ 58.5645, 43.0774,
36.8413

■ 89.9582, 0.9002,
17.7954

■ 58.5642, 43.0780,

■ 94.8970, -2.4097,

36.8412

11.8886

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



72.1866, 41.0148, 25.4904



72.1848, 18.5390, 34.4796



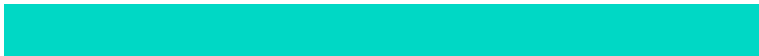
72.1866, -7.4770, 36.5730

Triad

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



72.1866, 18.5352, 34.4805



72.1866, -46.3370, 0.3625



72.1866, 25.7372, -45.8657

Complementary

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



72.1848, 18.5390, 34.4796



66.5761, -7.4684, -43.3604

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.



72.1866, -0.1613, -59.3358



72.1848, 18.5390, 34.4796



72.1866, -39.8894, -27.4114

Square

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



72.1866, 18.5352, 34.4805



72.1866, -42.7566, 21.2922



72.1866, -23.8114, -51.6256



72.1866, 45.5593, -19.2244

Rectangle

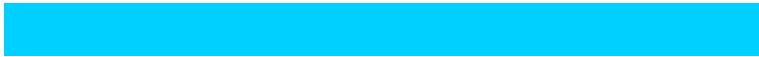
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1848, 18.5390, 34.4796



72.1866, -22.8505, 34.7144



72.1866, -23.8114, -51.6256



72.1866, 17.3323, -52.4350

Sweetspot

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



72.1866, 18.5352, 34.4805



90.9318, 0.2064, 16.6617



58.5787, 64.6872, -9.8751



41.4148, 0.5653, 8.4682

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.1866, 18.5352, 34.4805



67.6027, 25.2837, 36.8117



94.3159, -19.3130, 49.8764



44.0188, -1.1858, 5.3582



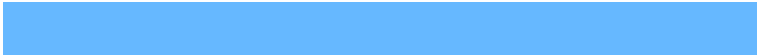
42.6770, 30.3023, 26.8279



14.1044, 7.6143, 8.8244

Inverse Universe

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



66.5761, -7.4684, -43.3604



61.0300, -4.3942, -54.3810



45.9585, 32.4715, -93.1628



43.5777, -3.3118, -0.7569



36.5684, 5.4728, -57.5215



12.3320, 0.0590, -15.5413

Previews

White Background



This preview shows how the HunterLab color 72.1848, 18.5390, 34.4796 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 72.1848, 18.5390, 34.4796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

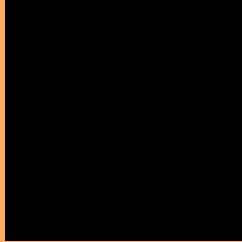
Any Text WCAG AA ✓ Pass

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 72.1848, 18.5390, 34.4796 Background



This preview shows how black text looks on a background with the HunterLab color 72.1848, 18.5390, 34.4796.



This preview shows how white text looks on a background with the HunterLab color 72.1848, 18.5390,

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

72.1848, 18.5390, 34.4796

Protanopia

72.4456, -8.1797, 32.8864

Deuteranopia

72.1375, 5.6203, 34.6398



Tritanopia

72.1885, 29.6837, 10.4082

Trichromacy



Original Color

72.1848, 18.5390, 34.4796

Protanomaly

72.0467, 1.0530, 33.1920

Deuteranomaly

72.1506, 10.0214, 34.5169

Tritanomaly

71.9986, 25.0685, 21.0430

Monochromacy



Original Color

72.1848, 18.5390, 34.4796

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

71.0264, 2.5172, 17.1827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.1848, 18.5390, 34.4796 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, 173, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 102)  
}
```

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, 173, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 72.1848, 18.5390, 34.4796 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, 173, 102) }
```


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

```
.border{ border-color:rgb(255, 173, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 173, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.1848, 18.5390, 34.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 102) }
```

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

```
.background{ background-color: rgb(255,  
173, 102) }
```

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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