

Converting Colors

HunterLab(71.9922, 17.8776,
36.5886)

Have a look what the booklet for
HunterLab(71.9922, 17.8776,
36.5886) contains.

| | |
|---|----|
| HunterLab(72.0434, 17.8073, 36.5591) | 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(72.0434, 17.8073,
36.5591)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAD5B |
| RGB | 255, 173, 91 |
| RGB Percent | 100%, 68%, 36% |
| CMY | 0.0000, 0.3215, 0.6431 |
| CMYK | 0.00, 0.32, 0.64, 0.00 |
| HSL | 30°, 100%, 68% |
| HSV | 30°, 64%, 100% |
| XYZ | 58.0719, 51.9025, 16.8550 |
| YIQ | 188.1700, 75.1940, -8.1180 |

Conversions

Conversions Part 2

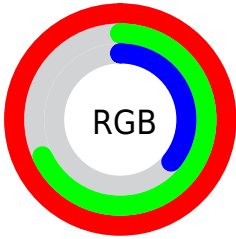
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 255, 91 |
| Decimal | 16756059 |
| CIELab | 77.22, 22.45, 53.34 |
| CIELCh | 77, 57.873, 67.176 |
| Yxy | 51.9051, 0.4579, 0.4092 |
| Android (android.graphics.Color) | 4294946139 (0xFFFFAD5B) |
| YUV | 188.1700, -47.9048, 58.6099 |
| Hunter-Lab | 72.0434, 17.8073, 36.5591 |

Details

The HunterLab color **72.0434, 17.8073, 36.5591** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **62.7131, -3.5610, -50.8620**, and the grayscale version is **71.1607, -3.7970, 3.8663**.

A 20% lighter version of the original color is **89.0574, -6.9425, 37.1890**, and **50.0554, 17.0579, 28.7647** is the 20% darker color. If you saturate the color by 10%, you get **68.4679, 23.1109, 38.1972**, and if you desaturate by 10%, it is **75.8602, 12.9644, 33.9377**.

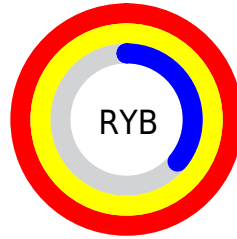
Distribution



Red (100%)

Green (68%)

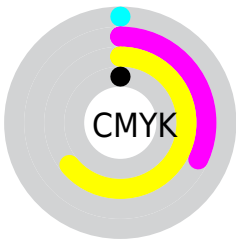
Blue (36%)



Red (100%)

Yellow (100%)

Blue (36%)

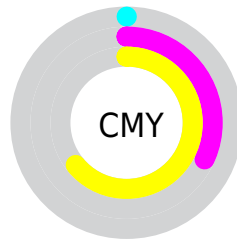


Cyan (0%)

Magenta (32%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.0434, 17.8073, 36.5591 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 72.0434, 17.8073, 36.5591 by changing the saturation by 10% instead.


 72.0434, 17.8073,
36.5591


 72.0434, 17.8073,
36.5591


198.5120, 18.9410,
65.3785


 60.7696, 17.3466,
32.8105


 96.4320, 18.4804,
43.6066


 50.1526, 16.7990,
28.8715


 109.4854, 18.7142,
46.9494

 40.2380, 16.1492,
24.7075


 123.0799, 18.8855,
50.1953

 31.0796, 15.3830,
20.3103

 137.1946, 18.9987,
53.3581

 22.7458, 14.4826,
15.9221

151.8111, 19.0578,
56.4490

 15.3282, 13.4282,
10.7298

166.9127, 19.0660,

 8.9429, 12.2853,

59.4776

6.2600

182.4843, 19.0262,
62.4519

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.0434, 17.8073,
36.5591

■ 72.0434, 17.8073,
36.5591

■ 68.4679, 23.1109,
38.1972

■ 75.8602, 12.9644,
33.9377

■ 65.1454, 28.8491,
38.8201

■ 79.8952, 8.6046,
30.3898

■ 62.0919, 34.9427,
38.4585

■ 84.1329, 4.7170,
25.9890

■ 60.4736, 38.4950,
37.9374

■ 88.5569, 1.2832,
20.8116

■ 93.1521, -1.7221,

14.9322

97.9047, -4.3278,
8.4205

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.



72.0452, 43.2456, 28.1537



72.0434, 17.8073, 36.5591



72.0452, -10.3277, 38.0809

Triad

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



72.0452, 17.8035, 36.5599



72.0452, -49.1161, -2.6411



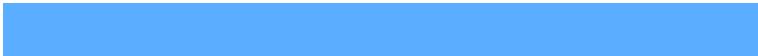
72.0452, 30.9232, -48.6902

Complementary

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



72.0434, 17.8073, 36.5591



62.7131, -3.5610, -50.8620

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.



72.0452, 2.8691, -65.8514



72.0434, 17.8073, 36.5591



72.0452, -41.2838, -33.5208

Square

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



72.0452, 17.8035, 36.5599



72.0452, -46.3498, 20.8141



72.0452, -23.2106, -59.4516



72.0452, 51.5775, -18.4143

Rectangle

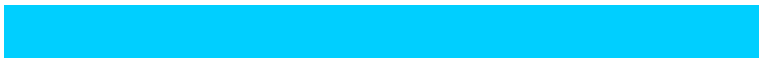
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0434, 17.8073, 36.5591



72.0452, -26.4174, 35.8275



72.0452, -23.2106, -59.4516



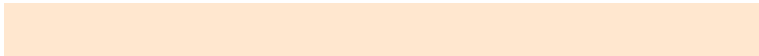
72.0452, 21.8948, -56.6157

Sweetspot

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



72.0452, 17.8035, 36.5599



90.9780, -0.3650, 17.7710



56.3557, 67.7410, -5.6821



41.4849, 0.2349, 8.9902

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.0452, 17.8035, 36.5599



67.5496, 24.6130, 38.4645



96.7134, -23.6481, 53.1123



44.1450, -1.3986, 5.4945



44.0541, 27.0303, 27.6191



14.5192, 6.6956, 9.0639

Inverse Universe

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



62.7131, -3.5610, -50.8620



56.7375, 0.9403, -63.8862



41.1422, 41.2640, -110.2642



43.4492, -3.1009, -0.9138



34.7401, 8.9788, -62.8047



11.8047, 0.9863, -16.8839

Previews

White Background



This preview shows how the HunterLab color 72.0434, 17.8073, 36.5591 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 72.0434, 17.8073, 36.5591 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 72.0434, 17.8073, 36.5591 Background



This preview shows how black text looks on a background with the HunterLab color 72.0434, 17.8073, 36.5591.



This preview shows how white text looks on a background with the HunterLab color 72.0434, 17.8073, 36.5591.

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

72.0434, 17.8073, 36.5591

Protanopia

72.0927, -8.1757, 34.9792

Deuteranopia

72.1180, 5.2793, 36.7611



Tritanopia

71.9074, 30.0840, 10.5393

Trichromacy



Original Color

72.0434, 17.8073, 36.5591

Protanomaly

71.7204, 1.1327, 35.2635

Deuteranomaly

72.1340, 9.6877, 36.6677

Tritanomaly

71.9105, 24.6214, 22.3205

Monochromacy



Original Color

72.0434, 17.8073, 36.5591

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

70.8265, 1.6490, 18.4437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.0434, 17.8073, 36.5591 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 72.0434, 17.8073, 36.5591 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, 91) }
```


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

```
.border{ border-color:rgb(255, 173, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.0434, 17.8073, 36.5591 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, 91) }
```

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

```
.background{ background-color: rgb(255,  
173, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor