

Converting Colors

HunterLab(70.0959, 17.8414,
43.5051)

Have a look what the booklet for
HunterLab(70.0959, 17.8414,
43.5051) contains.

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Color

**HunterLab(70.1892, 17.6578,
43.5594)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA800
RGB	255, 168, 0
RGB Percent	100%, 66%, 0%
CMY	0.0000, 0.3411, 0.9999
CMYK	0.00, 0.34, 1.00, 0.00
HSL	40°, 100%, 50%
HSV	40°, 100%, 100%
XYZ	55.2426, 49.2652, 6.5975
YIQ	174.8610, 105.7800, -33.8040

Conversions

Conversions Part 2

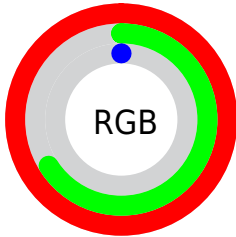
Format	Color
R _Y B	132, 255, 0
Decimal	16754688
CIE Lab	75.62, 22.37, 79.40
CIE LCh	76, 82.494, 74.268
Yxy	49.2678, 0.4972, 0.4434
Android (android.graphics.Color)	4294944768 (0xFFFFA800)
YUV	174.8610, -86.2065, 70.2819
Hunter-Lab	70.1892, 17.6578, 43.5594

Details

The HunterLab color **70.1892, 17.6578, 43.5594** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **37.4669, 36.6673, -125.9830**, and the grayscale version is **65.7346, -3.5074, 3.5715**.

A 20% lighter version of the original color is **86.3797, -8.4226, 47.8700**, and **48.6798, 17.4211, 30.3013** is the 20% darker color. If you saturate the color by 10%, you get **70.1895, 17.6565, 43.5596**, and if you desaturate by 10%, it is **72.5678, 13.4223, 44.1754**.

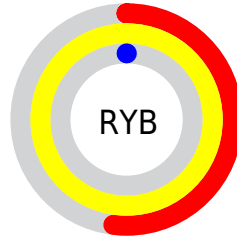
Distribution



Red (100%)

Green (66%)

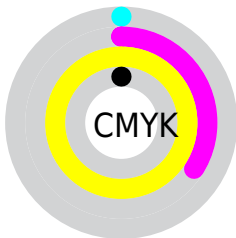
Blue (0%)



Red (52%)

Yellow (100%)

Blue (0%)

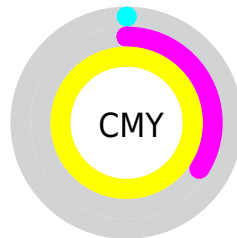


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.1892, 17.6578, 43.5594 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 70.1892, 17.6578, 43.5594 by changing the saturation by 10% instead.


 70.1892, 17.6578,
43.5594


 70.1892, 17.6578,
43.5594


195.9070, 18.8482,
84.5396

 59.0186, 17.1866,
38.1609


 94.3870, 18.3479,
53.7215


 48.5113, 16.6271,
32.5336


 107.3514, 18.5889,
58.5234


 38.7142, 15.9636,
27.0999


 120.8604, 18.7668,
63.1659

 29.6831, 15.1811,
20.7782

 134.8928, 18.8861,
67.6668

 21.4896, 14.2615,
15.0427

 149.4299, 18.9508,
72.0418

 14.2301, 13.1848,
9.9610

 164.4546, 18.9641,

 7.8861, 12.7502,

76.3045

5.5203

179.9516, 18.9290,
80.4670

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.1892, 17.6578,
43.5594

■ 70.1892, 17.6578,
43.5594

■ 70.1895, 17.6565,
43.5596

■ 72.5678, 13.4223,
44.1754

■ 75.0782, 9.5330,
43.9549

■ 77.7302, 6.0684,
42.7158

■ 80.5232, 3.0601,
40.4129

■ 83.4541, 0.5218,

37.0428

■ 86.5186, -1.5453,
32.6282

■ 89.7113, -3.1489,
27.2082

■ 93.0266, -4.3028,
20.8317

■ 96.4587, -5.0249,
13.5528

Harmonies

Analogous

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



70.1910, 58.0845, 37.5056



70.1892, 17.6578, 43.5594



70.1910, -21.2111, 43.6754

Triad

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



70.1910, 17.6538, 43.5600



70.1910, -62.4216, -16.0244



70.1910, 56.3081, -68.3973

Complementary

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



70.1892, 17.6578, 43.5594



37.4669, 36.6673, -125.9830

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.



70.1910, 15.6070, -105.6805



70.1892, 17.6578, 43.5594



70.1910, -49.5944, -65.9920

Square

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



70.1910, 17.6538, 43.5600



70.1910, -62.1070, 20.4727



70.1910, -22.8595, -104.6177



70.1910, 83.4963, -18.2826

Rectangle

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



70.1892, 17.6578, 43.5594



70.1910, -41.0211, 40.8119



70.1910, -22.8595, -104.6177



70.1910, 43.4083, -83.8123

Sweetspot

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



70.1910, 17.6538, 43.5600



89.7096, -3.1480, 27.2121



46.8890, 81.8445, 18.3023



40.8739, -1.1694, 13.7020

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.1910, 17.6538, 43.5600



70.1899, 17.6566, 43.5598



92.8618, -38.9075, 56.5395



44.7054, -2.3362, 6.0952



51.0206, 12.2077, 31.6523



16.5457, 2.6129, 10.2411

Inverse Universe

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



37.4669, 36.6673, -125.9830



37.4647, 36.6733, -125.9947



27.6358, 73.4484, -184.6552



42.8844, -2.1668, -1.6094



27.5350, 25.3018, -89.0356



9.6520, 5.3097, -23.5263

Previews

White Background



This preview shows how the HunterLab color 70.1892, 17.6578, 43.5594 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 70.1892, 17.6578, 43.5594 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 70.1892, 17.6578, 43.5594 Background



This preview shows how black text looks on a background with the HunterLab color 70.1892, 17.6578, 43.5594.



This preview shows how white text looks on a background with the HunterLab color 70.1892, 17.6578,

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

70.1892, 17.6578, 43.5594

Protanopia

70.3065, -9.4581, 42.7097

Deuteranopia

70.1977, 5.0940, 43.3447



Tritanopia

70.2167, 32.3597, 11.7216

Trichromacy



Original Color

70.1892, 17.6578, 43.5594

Protanomaly

69.9983, 0.0596, 42.8655

Deuteranomaly

70.2330, 9.5018, 43.4436

Tritanomaly

69.6686, 24.2341, 31.2798

Monochromacy



Original Color

70.1892, 17.6578, 43.5594

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.9470, -0.3079, 27.1100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.1892, 17.6578, 43.5594 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 70.1892, 17.6578, 43.5594 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, 0) }
```


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

```
.border{ border-color:rgb(255, 168, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.1892, 17.6578, 43.5594 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, 0) }
```

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

```
.background{ background-color: rgb(255,  
168, 0) }
```

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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