

Converting Colors

HunterLab(55.4890, 3.5405,
36.8990)

Have a look what the booklet for
HunterLab(55.4890, 3.5405,
36.8990) contains.

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Color

**HunterLab(55.6618, 4.6176,
34.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	C18F00
RGB	193, 143, 0
RGB Percent	76%, 56%, 0%
CMY	0.2431, 0.4392, 1.0000
CMYK	0.00, 0.26, 1.00, 0.24
HSL	44°, 100%, 38%
HSV	44°, 100%, 76%
XYZ	31.8148, 30.9824, 4.3034
YIQ	141.6480, 75.7030, -33.8730

Conversions

Conversions Part 2

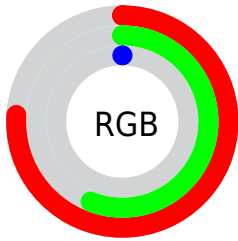
Format	Color
RYB	67, 193, 0
Decimal	12685056
CIELab	62.49, 8.83, 67.21
CIELCh	62, 67.783, 82.516
Yxy	30.9839, 0.4741, 0.4617
Android (android.graphics.Color)	4290875136 (0xFFC18F00)
YUV	141.6480, -69.8325, 45.0357
Hunter-Lab	55.6618, 4.6176, 34.3794

Details

The HunterLab color **55.6618, 4.6176, 34.3794** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **24.7627, 34.2748, -104.9392**, and the grayscale version is **52.1191, -2.7809, 2.8317**.

A 20% lighter version of the original color is **78.1144, 4.4801, 43.5587**, and **35.9124, 5.4760, 22.2249** is the 20% darker color. If you saturate the color by 10%, you get **55.6624, 4.6161, 34.3797**, and if you desaturate by 10%, it is **57.0674, 2.4234, 34.5524**.

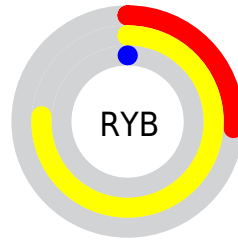
Distribution



Red (76%)

Green (56%)

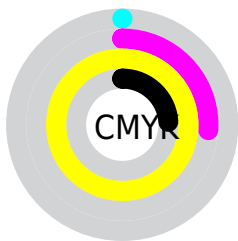
Blue (0%)



Red (26%)

Yellow (76%)

Blue (0%)

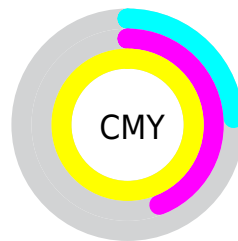


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.6618, 4.6176, 34.3794 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 55.6618, 4.6176, 34.3794 by changing the saturation by 10% instead.

■ 55.6618, 4.6176,
34.3794

■ 55.6618, 4.6176,
34.3794

175.0612, 1.6140,
71.2170

■ 45.3725, 4.6915,
29.4170

■ 78.2398, 4.2763,
43.6246

■ 35.8080, 4.6958,
24.3641

■ 90.4528, 4.0260,
47.9574

■ 27.0300, 4.6163,
18.9210

■ 103.2423, 3.7274,
52.1299

■ 19.1163, 4.4368,
13.3814

■ 116.5836, 3.3840,
56.1628

■ 12.1743, 4.1321,
8.5220

■ 130.4547, 2.9987,
60.0739

■ 5.2546, 7.0411,
3.6782

■ 144.8360, 2.5739,

0.0000, NaN, NaN

63.8784

0.0000, NaN, NaN

159.7101, 2.1117,
67.5891

0.0000, NaN, NaN

55.6618, 4.6176,
34.3794

55.6618, 4.6176,
34.3794

55.6624, 4.6161,
34.3797

57.0674, 2.4234,
34.5524

58.5366, 0.4590,
34.1679

60.0809, -1.2127,
33.0618

61.7025, -2.5701,
31.1916

63.4019, -3.6020,
28.5406

■ 65.1785, -4.3041,
25.1096

■ 67.0312, -4.6778,
20.9118

■ 68.9581, -4.7285,
15.9690

■ 70.9574, -4.4643,
10.3092

Harmonies

Analogous

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



55.6632, 35.9499, 31.1026



55.6618, 4.6176, 34.3794



55.6632, -23.0834, 33.3896

Triad

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



55.6632, 4.6148, 34.3799



55.6632, -46.3008, -21.8653



55.6632, 49.6063, -40.8599

Complementary

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



55.6618, 4.6176, 34.3794



24.7627, 34.2748, -104.9392

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.



55.6632, 20.4723, -73.4847



55.6618, 4.6176, 34.3794



55.6632, -33.4737, -59.0993

Square

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



55.6632, 4.6148, 34.3799



55.6632, -48.8107, 9.6140



55.6632, -10.1750, -81.4884



55.6632, 65.2214, -4.4719

Rectangle

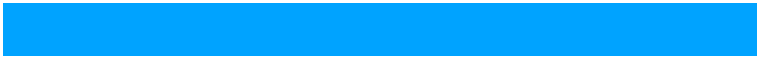
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.6618, 4.6176, 34.3794



55.6632, -36.3717, 29.9437



55.6632, -10.1750, -81.4884



55.6632, 40.8121, -53.2692

Sweetspot

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



55.6632, 4.6148, 34.3799



89.5871, -6.2464, 28.2762



34.0306, 58.9914, 16.4495



41.0020, -2.8154, 14.2504



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



55.6632, 4.6148, 34.3799



74.2103, 6.6862, 45.8451



66.6578, -32.8960, 40.4980



33.6190, -2.0988, 4.6977



45.5438, 3.4986, 28.1251



10.0126, -0.2228, 6.1658

Inverse Universe

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



24.7627, 34.2748, -104.9392



32.6287, 47.4704, -143.2580



20.9983, 54.2927, -128.5639



31.8791, -1.2754, -1.3665



20.4689, 27.1125, -84.1125



5.4504, 2.5737, -12.3684

Previews

White Background



This preview shows how the HunterLab color 55.6618, 4.6176, 34.3794 looks on a white background.

Color Contrast Check

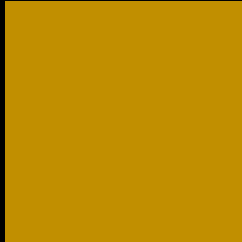
Large Text (above 18pt) WCAG AA × Fail

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 55.6618, 4.6176, 34.3794 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 55.6618, 4.6176, 34.3794 Background



This preview shows how black text looks on a background with the HunterLab color 55.6618, 4.6176, 34.3794.



This preview shows how white text looks on a background with the HunterLab color 55.6618, 4.6176,

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

55.6618, 4.6176, 34.3794

Protanopia

55.8019, -7.8204, 33.9116

Deuteranopia

55.8149, 3.7396, 34.4583



Tritanopia

55.7114, 21.5818, 7.0511

Trichromacy



Original Color

55.6618, 4.6176, 34.3794

Protanomaly

55.7619, -3.5470, 34.0844

Deuteranomaly

55.8149, 3.7396, 34.4583

Tritanomaly

55.2422, 12.7354, 23.6402

Monochromacy



Original Color

55.6618, 4.6176, 34.3794

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.5940, -3.0629, 21.4502

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6618, 4.6176, 34.3794 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(193, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 143, 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(193, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 143, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6618, 4.6176, 34.3794 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(193, 143, 0) }
```


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

```
.border{ border-color:rgb(193, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 143,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6618, 4.6176, 34.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 143, 0) }
```

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

```
.background{ background-color: rgb(193,  
143, 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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