

Converting Colors

HunterLab(51.7272, 17.7095,
32.1012)

Have a look what the booklet for
HunterLab(51.7272, 17.7095,
32.1012) contains.

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Color

**HunterLab(51.5655, 17.7171,
31.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	C97B03
RGB	201, 123, 3
RGB Percent	79%, 48%, 1%
CMY	0.2118, 0.5176, 0.9882
CMYK	0.00, 0.39, 0.99, 0.21
HSL	36°, 97%, 40%
HSV	36°, 99%, 79%
XYZ	31.1868, 26.5900, 3.5748
YIQ	132.6420, 85.0080, -20.7840

Conversions

Conversions Part 2

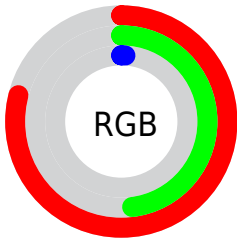
Format	Color
RYB	132, 201, 3
Decimal	13204227
CIELab	58.59, 23.34, 64.57
CIElCh	59, 68.655, 70.126
Yxy	26.5914, 0.5083, 0.4334
Android (android.graphics.Color)	4291394307 (0xFFC97B03)
YUV	132.6420, -63.9135, 59.9500
Hunter-Lab	51.5655, 17.7171, 31.9855

Details

The HunterLab color **51.5655, 17.7171, 31.9855** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **31.8146, 20.1960, -83.0214**, and the grayscale version is **48.5112, -2.5884, 2.6357**.

A 20% lighter version of the original color is **72.6312, 15.1201, 40.2897**, and **32.4966, 16.9185, 20.3204** is the 20% darker color. If you saturate the color by 10%, you get **51.2761, 18.2685, 31.9159**, and if you desaturate by 10%, it is **53.5648, 14.0619, 32.3489**.

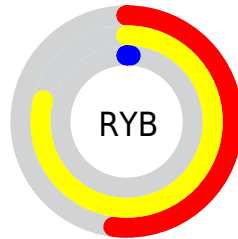
Distribution



Red (79%)

Green (48%)

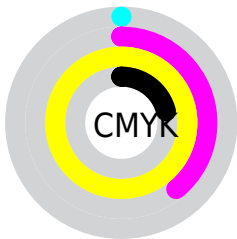
Blue (1%)



Red (52%)

Yellow (79%)

Blue (1%)

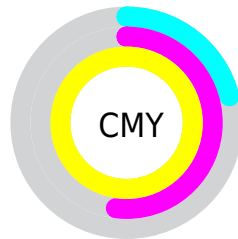


Cyan (0%)

Magenta (39%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (52%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5655, 17.7171, 31.9855 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 51.5655, 17.7171, 31.9855 by changing the saturation by 10% instead.

■ 51.5655, 17.7171,
31.9855

■ 51.5655, 17.7171,
31.9855

169.0187, 20.2140,
68.0165

■ 41.5531, 17.0371,
27.0962

■ 73.6393, 18.7727,
41.0663

■ 32.2874, 16.2443,
22.3475

■ 85.6198, 19.1749,
45.3104

■ 23.8358, 15.3186,
16.6851

■ 98.1877, 19.5028,
49.3918

■ 16.2861, 14.2411,
11.4003

■ 111.3166, 19.7625,
53.3322

■ 9.7625, 13.0033,
6.8338

■ 124.9835, 19.9594,
57.1504

0.0000, INF, NaN

0.0000, NaN, NaN

■ 139.1680, 20.0978,

60.8620

0.0000, NaN, NaN

153.8519, 20.1815,
64.4803

0.0000, NaN, NaN

51.5655, 17.7171,
31.9855

51.5655, 17.7171,
31.9855

51.2761, 18.2685,
31.9159

53.5648, 14.0619,
32.3489

55.6891, 10.6804,
32.0476

57.9418, 7.6254,
30.9784

60.3190, 4.9176,
29.1287

62.8155, 2.5640,
26.5129

■ 65.4256, 0.5621,
23.1615

■ 68.1431, -1.0974,
19.1140

■ 70.9619, -2.4279,
14.4143

■ 73.8761, -3.4456,
9.1079

Harmonies

Analogous

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



51.5669, 47.4751, 26.7005



51.5655, 17.7171, 31.9855



51.5669, -12.2424, 32.5404

Triad

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



51.5669, 17.7139, 31.9860



51.5669, -47.1402, -7.4737



51.5669, 38.5626, -56.8597

Complementary

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



51.5655, 17.7171, 31.9855



31.8146, 20.1960, -83.0214

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.



51.5669, 7.4738, -82.0856



51.5655, 17.7171, 31.9855



51.5669, -38.9907, -44.7276

Square

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



51.5669, 17.7139, 31.9860



51.5669, -45.5844, 17.8404



51.5669, -20.4565, -76.7129



51.5669, 61.2437, -18.8043

Rectangle

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



51.5655, 17.7171, 31.9855



51.5669, -27.9759, 30.9045



51.5669, -20.4565, -76.7129



51.5669, 28.4966, -67.8708

Sweetspot

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



51.5669, 17.7139, 31.9860



88.4713, -1.0536, 26.0936



36.1871, 63.1996, 10.2585



40.2250, -0.0663, 13.1365

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.5669, 17.7139, 31.9860



66.7479, 24.6222, 41.5608



71.8523, -26.3560, 43.7423



34.1885, -1.5645, 4.4556



40.8834, 14.0233, 25.4377



9.6422, 1.5855, 5.9693

Inverse Universe

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



31.8146, 20.1960, -83.0214



40.5230, 28.8584, -112.9472



21.1240, 55.3432, -141.1099



33.1082, -1.9024, -0.9740



25.2011, 15.9516, -65.9341



6.6432, 1.0503, -10.5708

Previews

White Background



This preview shows how the HunterLab color 51.5655, 17.7171, 31.9855 looks on a white background.

Color Contrast Check

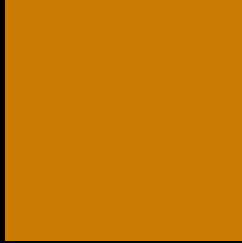
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5655, 17.7171, 31.9855 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.5655, 17.7171, 31.9855 Background



This preview shows how black text looks on a background with the HunterLab color 51.5655, 17.7171, 31.9855.



This preview shows how white text looks on a background with the HunterLab color 51.5655, 17.7171,

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

51.5655, 17.7171, 31.9855

Protanopia

51.8209, -7.1340, 31.2898

Deuteranopia

51.6080, 3.4720, 31.8614



Tritanopia

51.5621, 31.0904, 10.7692

Trichromacy



Original Color

51.5655, 17.7171, 31.9855

Protanomaly

51.4452, 1.5837, 31.3631

Deuteranomaly

51.5095, 8.5582, 31.8567

Tritanomaly

51.1121, 24.6635, 23.3461

Monochromacy



Original Color

51.5655, 17.7171, 31.9855

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.6225, 1.6615, 19.2544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5655, 17.7171, 31.9855 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(201, 123, 3)` looks like.

```
.text, #text, p{  
    color:rgb(201, 123, 3)  
}
```

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(201, 123, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 123, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5655, 17.7171, 31.9855 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(201, 123, 3) }
```


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

```
.border{ border-color:rgb(201, 123, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 123, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 123, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 123, 3);  
box-shadow:4px 4px 4px 4px rgb(201, 123,  
3) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5655, 17.7171, 31.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 123, 3) }
```

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

```
.background{ background-color: rgb(201,  
123, 3) }
```

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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