

Converting Colors

HunterLab(52.0638, 19.0724,
31.6403)

Have a look what the booklet for
HunterLab(52.0638, 19.0724,
31.6403) contains.

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Color

**HunterLab(52.0133, 19.1761,
31.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7B14
RGB	204, 123, 20
RGB Percent	80%, 48%, 8%
CMY	0.2000, 0.5176, 0.9215
CMYK	0.00, 0.40, 0.90, 0.20
HSL	34°, 82%, 44%
HSV	34°, 90%, 80%
XYZ	32.1111, 27.0538, 4.1913
YIQ	135.4770, 81.3390, -14.8610

Conversions

Conversions Part 2

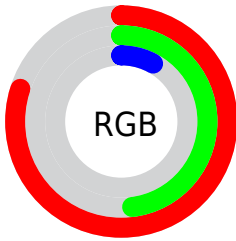
Format	Color
R_{YB}	165, 204, 20
Decimal	13400852
CIE Lab	59.03, 24.85, 61.82
CIE LCh	59, 66.631, 68.098
Yxy	27.0553, 0.5068, 0.4270
Android (android.graphics.Color)	4291590932 (0xFFCC7B14)
YUV	135.4770, -56.9302, 60.0947
Hunter-Lab	52.0133, 19.1761, 31.6316

Details

The HunterLab color **52.0133, 19.1761, 31.6316** 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 **37.1694, 11.0286, -68.0272**, and the grayscale version is **49.6084, -2.6470, 2.6953**.

A 20% lighter version of the original color is **72.7054, 15.5071, 39.1944**, and **32.9042, 18.0963, 20.5922** is the 20% darker color. If you saturate the color by 10%, you get **49.9169, 23.2905, 31.1663**, and if you desaturate by 10%, it is **54.3066, 15.2093, 31.4983**.

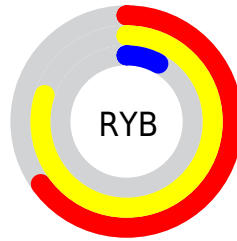
Distribution



Red (80%)

Green (48%)

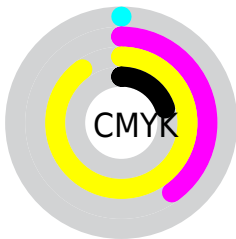
Blue (8%)



Red (65%)

Yellow (80%)

Blue (8%)

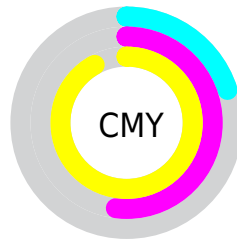


Cyan (0%)

Magenta (40%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.0133, 19.1761, 31.6316 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 52.0133, 19.1761, 31.6316 by changing the saturation by 10% instead.

■ 52.0133, 19.1761,
31.6316

■ 52.0133, 19.1761,
31.6316

169.6834, 22.1807,
66.2493

■ 41.9699, 18.4304,
26.9334

■ 74.1435, 20.3567,
40.3454

■ 32.6707, 17.5702,
22.1763

■ 86.1499, 20.8185,
44.4179

■ 24.1824, 16.5758,
16.9277

■ 98.7424, 21.2041,
48.3359

■ 16.5916, 15.4306,
11.6141

■ 111.8950, 21.5199,
52.1209

■ 10.0204, 14.1319,
7.0143

■ 125.5846, 21.7712,
55.7907

0.0000, INF, NaN

0.0000, NaN, NaN

■ 139.7910, 21.9626,

59.3606

0.0000, NaN, NaN

154.4961, 22.0979,
62.8432

0.0000, NaN, NaN

52.0133, 19.1761,
31.6316

52.0133, 19.1761,
31.6316

49.9169, 23.2905,
31.1663

54.3066, 15.2093,
31.4983

56.7555, 11.5687,
30.5915

59.3548, 8.2798,
28.9025

62.0964, 5.3533,
26.4526

64.9717, 2.7878,
23.2800

■ 67.9719, 0.5737,
19.4319

■ 71.0887, -1.3040,
14.9584

■ 74.3142, -2.8636,
9.9098

■ 77.6409, -4.1247,
4.3344

Harmonies

Analogous

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



52.0147, 47.4851, 25.7504



52.0133, 19.1761, 31.6316



52.0147, -10.2417, 32.4590

Triad

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



52.0147, 19.1729, 31.6321



52.0147, -46.5152, -5.0219



52.0147, 35.3389, -56.7934

Complementary

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



52.0133, 19.1761, 31.6316



37.1694, 11.0286, -68.0272

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.



52.0147, 5.1314, -79.1931



52.0133, 19.1761, 31.6316



52.0147, -39.1207, -40.4395

Square

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



52.0147, 19.1729, 31.6321



52.0147, -44.3304, 18.7062



52.0147, -21.6016, -71.9892



52.0147, 58.1249, -20.4816

Rectangle

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



52.0133, 19.1761, 31.6316



52.0147, -26.0571, 30.9564



52.0147, -21.6016, -71.9892



52.0147, 25.4871, -66.8930

Sweetspot

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



52.0147, 19.1729, 31.6321



88.5979, 0.0087, 23.4503



37.8327, 63.9674, 4.4035



40.3566, 0.4171, 11.7220

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.0147, 19.1729, 31.6321



63.8983, 30.7164, 39.9115



74.0347, -23.0583, 44.6859



34.9828, -1.3955, 4.4488



39.8389, 17.9626, 24.8630



9.8410, 2.4473, 6.1068

Inverse Universe

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



37.1694, 11.0286, -68.0272



43.4323, 22.1030, -102.0005



22.6370, 52.3421, -134.7577



34.1220, -2.1629, -0.8542



27.3938, 12.2702, -60.7276



7.3310, 0.6072, -10.4740

Previews

White Background



This preview shows how the HunterLab color 52.0133, 19.1761, 31.6316 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 52.0133, 19.1761, 31.6316 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 52.0133, 19.1761, 31.6316 Background



This preview shows how black text looks on a background with the HunterLab color 52.0133, 19.1761, 31.6316.



This preview shows how white text looks on a background with the HunterLab color 52.0133, 19.1761,

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

52.0133, 19.1761, 31.6316

Protanopia

52.2461, -7.0192, 30.9619

Deuteranopia

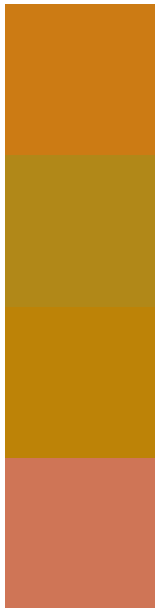
51.9916, 3.3822, 32.0962



Tritanopia

51.9808, 32.2681, 11.2214

Trichromacy



Original Color

52.0133, 19.1761, 31.6316

Protanomaly

51.9821, 2.0910, 31.0821

Deuteranomaly

52.0257, 8.9373, 31.9854

Tritanomaly

51.6332, 26.3983, 22.1686

Monochromacy



Original Color

52.0133, 19.1761, 31.6316

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.4939, 2.0669, 18.1285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.0133, 19.1761, 31.6316 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(204, 123, 20)` looks like.

```
.text, #text, p{  
    color:rgb(204, 123, 20)  
}
```

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(204, 123, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 123, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 52.0133, 19.1761, 31.6316 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(204, 123, 20) }
```


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

```
.border{ border-color:rgb(204, 123, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 123, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 123, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 123, 20);  
box-shadow:4px 4px 4px 4px rgb(204, 123,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.0133, 19.1761, 31.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 123, 20) }
```

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

```
.background{ background-color: rgb(204,  
123, 20) }
```

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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