

Converting Colors

HunterLab(51.1073, 20.7307,
31.8550)

Have a look what the booklet for
HunterLab(51.1073, 20.7307,
31.8550) contains.

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Color

**HunterLab(51.0206, 20.9147,
31.8048)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7700
RGB	204, 119, 0
RGB Percent	80%, 47%, 0%
CMY	0.2000, 0.5333, 1.0000
CMYK	0.00, 0.42, 1.00, 0.20
HSL	35°, 100%, 40%
HSV	35°, 100%, 80%
XYZ	31.4986, 26.0310, 3.3643
YIQ	130.8490, 88.8590, -18.9890

Conversions

Conversions Part 2

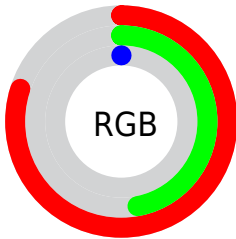
Format	Color
R_{YB}	146, 204, 0
Decimal	13399808
CIE _{Lab}	58.07, 26.75, 64.94
CIE _{LCh}	58, 70.236, 67.610
Yxy	26.0324, 0.5173, 0.4275
Android (android.graphics.Color)	4291589888 (0xFFCC7700)
YUV	130.8490, -64.5086, 64.1534
Hunter-Lab	51.0206, 20.9147, 31.8048

Details

The HunterLab color **51.0206, 20.9147, 31.8048** 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 **32.9497, 18.9810, -82.1578**, and the grayscale version is **47.8043, -2.5507, 2.5973**.

A 20% lighter version of the original color is **71.5419, 17.1087, 39.8510**, and **31.9687, 19.5330, 20.0409** is the 20% darker color. If you saturate the color by 10%, you get **51.0212, 20.9130, 31.8051**, and if you desaturate by 10%, it is **53.1027, 16.9428, 32.2579**.

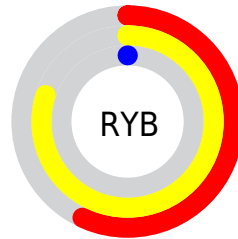
Distribution



Red (80%)

Green (47%)

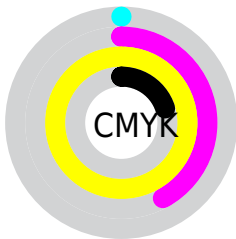
Blue (0%)



Red (57%)

Yellow (80%)

Blue (0%)

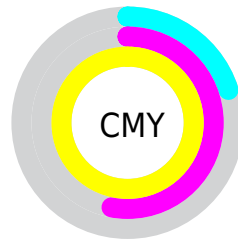


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0206, 20.9147, 31.8048 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 51.0206, 20.9147, 31.8048 by changing the saturation by 10% instead.

■ 51.0206, 20.9147,
31.8048

■ 51.0206, 20.9147,
31.8048

168.2085, 24.6454,
68.0890

■ 41.0462, 20.0715,
26.8779

■ 73.0255, 22.2781,
40.9559

■ 31.8215, 19.1096,
22.1848

■ 84.9743, 22.8259,
45.2318

■ 23.4150, 18.0105,
16.3905

■ 97.5119, 23.2942,
49.3426

■ 15.9158, 16.7611,
11.1411

■ 110.6118, 23.6899,
53.3106

■ 9.4508, 15.3745,
6.6155

■ 124.2509, 24.0183,
57.1545

0.0000, INF, NaN

0.0000, NaN, NaN

■ 138.4087, 24.2844,

60.8902

0.0000, NaN, NaN

153.0667, 24.4922,
64.5312

0.0000, NaN, NaN

51.0206, 20.9147,
31.8048

51.0206, 20.9147,
31.8048

51.0212, 20.9130,
31.8051

53.1027, 16.9428,
32.2579

55.3226, 13.2213,
32.0915

57.6856, 9.8266,
31.1497

60.1868, 6.7842,
29.4188

62.8197, 4.1035,
26.9151

■ 65.5770, 1.7829,
23.6724

■ 68.4516, -0.1869,
19.7339

■ 71.4360, -1.8200,
15.1469

■ 74.5235, -3.1336,
9.9597

Harmonies

Analogous

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



51.0220, 50.8793, 26.0574



51.0206, 20.9147, 31.8048



51.0220, -10.0726, 32.6158

Triad

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



51.0220, 20.9114, 31.8053



51.0220, -47.9025, -4.9567



51.0220, 37.0317, -61.7585

Complementary

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



51.0206, 20.9147, 31.8048



32.9497, 18.9810, -82.1578

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.



51.0220, 5.0632, -85.7946



51.0206, 20.9147, 31.8048



51.0220, -40.5543, -42.7682

Square

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



51.0220, 20.9114, 31.8053



51.0220, -45.5328, 19.4447



51.0220, -22.7144, -77.3586



51.0220, 61.5729, -22.5641

Rectangle

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



51.0206, 20.9147, 31.8048



51.0220, -26.5947, 31.2780



51.0220, -22.7144, -77.3586



51.0220, 26.5436, -72.6650

Sweetspot

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



51.0220, 20.9114, 31.8053



87.9416, -0.1488, 25.6120



36.7333, 64.6914, 9.8942



39.9477, 0.4104, 12.8931

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.0220, 20.9114, 31.8053



65.3278, 27.6194, 40.7382



73.3145, -25.8324, 44.7236



35.0466, -1.5024, 4.5174



40.7090, 16.1024, 25.3666



10.0135, 2.1119, 6.2072

Inverse Universe

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



32.9497, 18.9810, -82.1578



41.9271, 25.5242, -107.5047



21.1637, 56.8401, -146.0031



34.0576, -2.0564, -0.9334



26.4719, 14.3060, -63.9702



7.1434, 0.9493, -10.9777

Previews

White Background



This preview shows how the HunterLab color 51.0206, 20.9147, 31.8048 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 51.0206, 20.9147, 31.8048 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 51.0206, 20.9147, 31.8048 Background



This preview shows how black text looks on a background with the HunterLab color 51.0206, 20.9147, 31.8048.



This preview shows how white text looks on a background with the HunterLab color 51.0206, 20.9147,

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

51.0206, 20.9147, 31.8048

Protanopia

51.0516, -6.9212, 30.7673

Deuteranopia

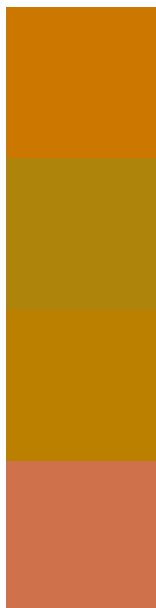
51.1099, 3.1747, 31.5492



Tritanopia

51.0986, 32.9341, 11.8128

Trichromacy



Original Color

51.0206, 20.9147, 31.8048

Protanomaly

50.6344, 2.9949, 30.9169

Deuteranomaly

50.9933, 9.5192, 31.5885

Tritanomaly

50.8152, 27.1830, 23.8102

Monochromacy



Original Color

51.0206, 20.9147, 31.8048

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.0337, 2.3459, 19.5378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0206, 20.9147, 31.8048 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, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 119, 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(204, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 119, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0206, 20.9147, 31.8048 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, 119, 0) }
```


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

```
.border{ border-color:rgb(204, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 119,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0206, 20.9147, 31.8048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 119, 0) }
```

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

```
.background{ background-color: rgb(204,  
119, 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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