

Converting Colors

HunterLab(51.3239, 18.6039,
30.5158)

Have a look what the booklet for
HunterLab(51.3239, 18.6039,
30.5158) contains.

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Color

**HunterLab(51.4104, 18.6422,
30.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	C97A1E
RGB	201, 122, 30
RGB Percent	79%, 48%, 12%
CMY	0.2118, 0.5215, 0.8823
CMYK	0.00, 0.39, 0.85, 0.21
HSL	32°, 74%, 45%
HSV	32°, 85%, 79%
XYZ	31.2813, 26.4303, 4.6811
YIQ	135.1330, 76.6160, -11.8640

Conversions

Conversions Part 2

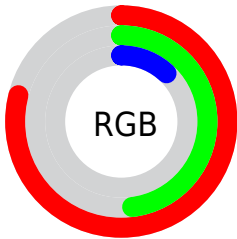
Format	Color
R_{YB}	177, 201, 30
Decimal	13203998
CIE _{Lab}	58.44, 24.33, 58.29
CIE _{LCh}	58, 63.161, 67.342
Yxy	26.4317, 0.5014, 0.4236
Android (android.graphics.Color)	4291394078 (0xFFC97A1E)
YUV	135.1330, -51.8306, 57.7654
Hunter-Lab	51.4104, 18.6422, 30.5887

Details

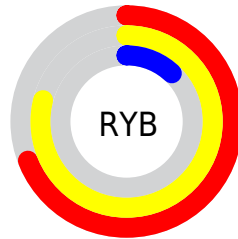
The HunterLab color **51.4104, 18.6422, 30.5887** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **39.2806, 6.4493, -59.0888**, and the grayscale version is **49.4535, -2.6387, 2.6869**.

A 20% lighter version of the original color is **72.4983, 16.3504, 38.1000**, and **32.2921, 17.3774, 20.2025** is the 20% darker color. If you saturate the color by 10%, you get **49.1804, 22.8753, 30.3624**, and if you desaturate by 10%, it is **53.8141, 14.6906, 30.0796**.

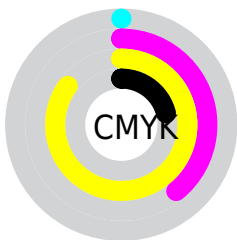
Distribution



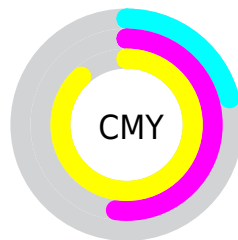
- Red (79%)
- Green (48%)
- Blue (12%)



- Red (69%)
- Yellow (79%)
- Blue (12%)



- Cyan (0%)
- Magenta (39%)
- Yellow (85%)
- Black (21%)



- Cyan (21%)
- Magenta (52%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4104, 18.6422, 30.5887 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 51.4104, 18.6422, 30.5887 by changing the saturation by 10% instead.

51.4104, 18.6422,
30.5887

51.4104, 18.6422,
30.5887

168.7883, 21.4996,
63.5210

41.4088, 17.9143,
26.1136

73.4646, 19.7880,
38.8727

32.1547, 17.0717,
21.4774

85.4361, 20.2327,
42.7426

23.7160, 16.0946,
16.6012

97.9954, 20.6017,
46.4665

16.1806, 14.9656,
11.3264

111.1161, 20.9011,
50.0655

9.6736, 13.6814,
6.7715

124.7751, 21.1364,
53.5571

0.0000, INF, NaN

0.0000, NaN, NaN

138.9520, 21.3120,

56.9557

0.0000, NaN, NaN

153.6285, 21.4319,
60.2737

0.0000, NaN, NaN

■ 51.4104, 18.6422,
30.5887

■ 51.4104, 18.6422,
30.5887

■ 49.1804, 22.8753,
30.3624

■ 53.8141, 14.6906,
30.0796

■ 48.1386, 25.0153,
30.1007

■ 56.3802, 11.0736,
28.8063

■ 59.1011, 7.8085,
26.7828

■ 61.9669, 4.9001,
24.0446

■ 64.9677, 2.3426,
20.6385

■ 68.0938, 0.1227,
16.6154

■ 71.3361, -1.7767,
12.0272

■ 74.6864, -3.3753,
6.9235

■ 78.1368, -4.6937,
1.3508

Harmonies

Analogous

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



51.4117, 44.9465, 24.5302



51.4104, 18.6422, 30.5887



51.4117, -9.1637, 31.5351

Triad

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



51.4117, 18.6391, 30.5892



51.4117, -44.5069, -3.8647



51.4117, 32.3752, -53.3836

Complementary

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



51.4104, 18.6422, 30.5887



39.2806, 6.4493, -59.0888

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.



51.4117, 4.0029, -73.3732



51.4104, 18.6422, 30.5887



51.4117, -37.6218, -36.6754

Square

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



51.4117, 18.6391, 30.5892



51.4117, -42.1666, 18.3218



51.4117, -21.1217, -66.0583



51.4117, 53.9425, -19.8814

Rectangle

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



51.4104, 18.6422, 30.5887



51.4117, -24.3287, 30.0691



51.4117, -21.1217, -66.0583



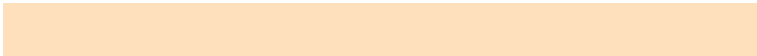
51.4117, 23.1143, -62.5220

Sweetspot

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



51.4117, 18.6391, 30.5892



88.5622, 0.5115, 22.4636



38.0363, 61.8115, 1.6134



40.3032, 0.6949, 11.2728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4117, 18.6391, 30.5892



62.6165, 33.5658, 39.1716



73.1497, -21.3653, 43.7047



34.0093, -1.2646, 4.2630



38.4131, 19.2980, 24.0078



9.1788, 2.4804, 5.6994

Inverse Universe

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



39.2806, 6.4493, -59.0888



44.8662, 18.9767, -97.0441



23.4850, 48.0114, -124.1916



33.2888, -2.2011, -0.7521



27.8155, 10.1794, -56.7413



7.1475, 0.1418, -9.2400

Previews

White Background



This preview shows how the HunterLab color 51.4104, 18.6422, 30.5887 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 51.4104, 18.6422, 30.5887 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 51.4104, 18.6422, 30.5887 Background



This preview shows how black text looks on a background with the HunterLab color 51.4104, 18.6422, 30.5887.



This preview shows how white text looks on a background with the HunterLab color 51.4104, 18.6422,

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

51.4104, 18.6422, 30.5887

Protanopia

51.4200, -6.9184, 29.7302

Deuteranopia

51.5529, 3.4068, 30.8940



Tritanopia

51.3993, 30.5820, 10.9684

Trichromacy



Original Color

51.4104, 18.6422, 30.5887

Protanomaly

51.1455, 2.1269, 29.8849

Deuteranomaly

51.4577, 8.5301, 30.7313

Tritanomaly

51.2652, 25.4192, 21.1038

Monochromacy



Original Color

51.4104, 18.6422, 30.5887

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.1927, 2.5894, 16.7271

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4104, 18.6422, 30.5887 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, 122, 30)` looks like.

```
.text, #text, p{  
    color:rgb(201, 122, 30)  
}
```

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, 122, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 122, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4104, 18.6422, 30.5887 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, 122, 30) }
```


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

```
.border{ border-color:rgb(201, 122, 30) }
```

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

Here you see how a box with a 4 pixel rgb(201, 122, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 122, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 122, 30);  
box-shadow:4px 4px 4px 4px rgb(201, 122,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4104, 18.6422, 30.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 122, 30) }
```

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

```
.background{ background-color: rgb(201,  
122, 30) }
```

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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