

Converting Colors

HunterLab(46.0231, 30.1179,
20.0780)

Have a look what the booklet for
HunterLab(46.0231, 30.1179,
20.0780) contains.

HunterLab(46.0231, 30.1179, 20.0780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(46.0231, 30.1179,
20.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	C4634C
RGB	196, 99, 76
RGB Percent	77%, 39%, 30%
CMY	0.2314, 0.6117, 0.7020
CMYK	0.00, 0.49, 0.61, 0.23
HSL	12°, 50%, 53%
HSV	12°, 61%, 77%
XYZ	28.5313, 21.1813, 9.4221
YIQ	125.3810, 65.1950, 13.4110

Conversions

Conversions Part 2

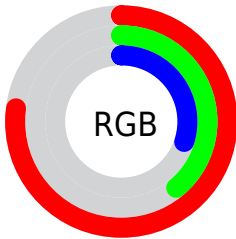
Format	Color
RYB	196, 104, 76
Decimal	12870476
CIELab	53.15, 36.73, 30.76
CIELCh	53, 47.909, 39.942
Yxy	21.1824, 0.4825, 0.3582
Android (android.graphics.Color)	4291060556 (0xFFC4634C)
YUV	125.3810, -24.3448, 61.9329
Hunter-Lab	46.0231, 30.1179, 20.0780

Details

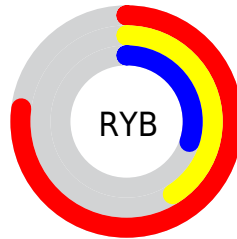
The HunterLab color **46.0231, 30.1179, 20.0780** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **59.5038, -20.4765, -15.7292**, and the grayscale version is **45.5099, -2.4283, 2.4726**.

A 20% lighter version of the original color is **67.2288, 31.4869, 24.8664**, and **27.5933, 27.1537, 14.6928** is the 20% darker color. If you saturate the color by 10%, you get **42.7045, 36.4281, 21.6860**, and if you desaturate by 10%, it is **49.7995, 23.8638, 18.0431**.

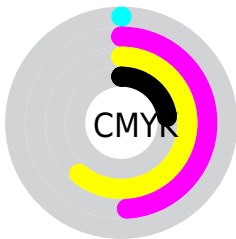
Distribution



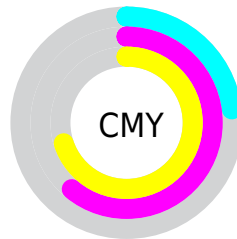
- Red (77%)
- Green (39%)
- Blue (30%)



- Red (77%)
- Yellow (41%)
- Blue (30%)



- Cyan (0%)
- Magenta (49%)
- Yellow (61%)
- Black (23%)



- Cyan (23%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0231, 30.1179, 20.0780 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 46.0231, 30.1179, 20.0780 by changing the saturation by 10% instead.

46.0231, 30.1179,
20.0780

46.0231, 30.1179,
20.0780

160.7004, 37.6006,
39.8697

36.4107, 28.7869,
17.4805

67.3728, 32.4139,
24.9014

27.5790, 27.3295,
14.7028

79.0210, 33.4045,
27.1801

19.6059, 25.7462,
11.7889

91.2725, 34.3007,
29.3948

12.5962, 24.0844,
8.8173

104.0989, 35.1102,
31.5583

5.9039, 28.6718,
4.1327

117.4755, 35.8396,
33.6805

0.0000, INF, NaN

0.0000, NaN, NaN

131.3805, 36.4945,

35.7691

0.0000, NaN, NaN

145.7946, 37.0801,
37.8305

0.0000, NaN, NaN

■ 46.0231, 30.1179,
20.0780

■ 46.0231, 30.1179,
20.0780

■ 42.7045, 36.4281,
21.6860

■ 49.7995, 23.8638,
18.0431

■ 39.9007, 42.5595,
22.7552

■ 53.9702, 17.8237,
15.6832

■ 37.6650, 48.1691,
23.2045

■ 58.4825, 12.0682,
13.0842

■ 36.1869, 52.3178,
23.2141

■ 63.2894, 6.6212,
10.3103

■ 68.3516, 1.4765,
7.4079

■ 73.6365, -3.3870,
4.4092

■ 79.1172, -7.9974,
1.3365

■ 84.7714, -12.3840,
-1.7948

■ 90.5807, -16.5751,
-4.9744

Harmonies

Analogous

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



46.0243, 40.8120, 8.2701



46.0231, 30.1179, 20.0780



46.0243, 11.1812, 25.0490

Triad

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



46.0243, 30.1148, 20.0787



46.0243, -32.7563, 13.1749



46.0243, 4.2246, -48.5831

Complementary

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



46.0231, 30.1179, 20.0780



59.5038, -20.4765, -15.7292

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.



46.0243, -14.6737, -45.4397



46.0231, 30.1179, 20.0780



46.0243, -33.9844, -4.1177

Square

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



46.0243, 30.1148, 20.0787



46.0243, -24.2233, 22.3754



46.0243, -27.9156, -26.9337



46.0243, 24.2962, -34.2871

Rectangle

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



46.0231, 30.1179, 20.0780



46.0243, -2.4199, 25.8584



46.0243, -27.9156, -26.9337



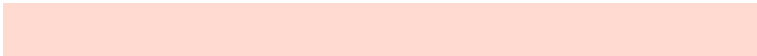
46.0243, -2.4965, -49.6355

Sweetspot

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



46.0243, 30.1148, 20.0787



87.1546, 6.8337, 12.7438



44.6774, 53.6170, -24.6729



39.4056, 4.1276, 6.4227

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.0243, 30.1148, 20.0787



56.3000, 51.4848, 29.6896



60.5898, 0.8980, 30.6599



32.2234, 0.2556, 3.1868



29.1723, 41.4175, 18.7009



6.8101, 6.4560, 4.3094

Inverse Universe

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



59.5038, -20.4765, -15.7292



77.0104, -28.3624, -25.8811



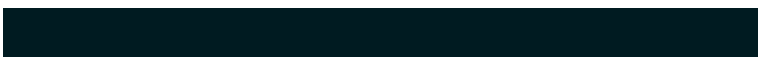
41.9008, 7.4515, -47.9483



33.3011, -3.6075, 0.3650



42.9961, -15.6060, -20.0526



9.4082, -3.8689, -3.4076

Previews

White Background



This preview shows how the HunterLab color 46.0231, 30.1179, 20.0780 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 46.0231, 30.1179, 20.0780 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 46.0231, 30.1179, 20.0780 Background



This preview shows how black text looks on a background with the HunterLab color 46.0231, 30.1179, 20.0780.



This preview shows how white text looks on a background with the HunterLab color 46.0231, 30.1179, 20.0780.

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

46.0231, 30.1179, 20.0780

Protanopia

46.1196, -4.1110, 16.7549

Deuteranopia

46.2120, 2.7426, 20.6577



Tritanopia

45.9886, 35.1049, 12.7464

Trichromacy



Original Color

46.0231, 30.1179, 20.0780

Protanomaly

45.5171, 7.4859, 17.5186

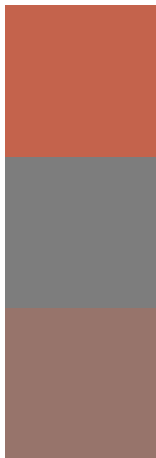
Deuteranomaly

45.8930, 12.2469, 20.3501

Tritanomaly

45.8545, 33.3629, 15.4492

Monochromacy



Original Color

46.0231, 30.1179, 20.0780

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

44.8683, 7.6576, 9.4008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0231, 30.1179, 20.0780 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(196, 99, 76)` looks like.

```
.text, #text, p{  
    color:rgb(196, 99, 76)  
}
```

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(196, 99, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 99, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0231, 30.1179, 20.0780 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(196, 99, 76) }
```


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

```
.border{ border-color:rgb(196, 99, 76) }
```

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

Here you see how a box with a 4 pixel rgb(196, 99, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 99, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 99, 76);  
box-shadow:4px 4px 4px 4px rgb(196, 99,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.0231, 30.1179, 20.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 99, 76) }
```

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

```
.background{ background-color: rgb(196, 99,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor