

Converting Colors

HunterLab(46.1307, 18.4420,
32.0778)

Have a look what the booklet for
HunterLab(46.1307, 18.4420,
32.0778) contains.

HunterLab(46.2780, 19.6908, 28.8610)	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(46.2780, 19.6908,
28.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6C00
RGB	188, 108, 0
RGB Percent	74%, 42%, 0%
CMY	0.2627, 0.5764, 1.0000
CMYK	0.00, 0.43, 1.00, 0.26
HSL	34°, 100%, 37%
HSV	34°, 100%, 74%
XYZ	26.1016, 21.4165, 2.7581
YIQ	119.6080, 82.3480, -16.6280

Conversions

Conversions Part 2

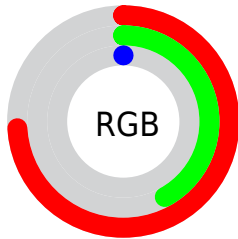
Format	Color
R_{YB}	139, 188, 0
Decimal	12348416
CIE Lab	53.40, 25.85, 60.92
CIE LCh	53, 66.177, 67.011
Yxy	21.4177, 0.5192, 0.4260
Android (android.graphics.Color)	4290538496 (0xFFBC6C00)
YUV	119.6080, -58.9667, 59.9798
Hunter-Lab	46.2780, 19.6908, 28.8610

Details

The HunterLab color **46.2780, 19.6908, 28.8610** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **30.6076, 16.1034, -73.0187**, and the grayscale version is **43.3864, -2.3150, 2.3573**.

A 20% lighter version of the original color is **67.7106, 21.0924, 37.7131**, and **27.9659, 18.1934, 17.5510** is the 20% darker color. If you saturate the color by 10%, you get **46.2786, 19.6891, 28.8613**, and if you desaturate by 10%, it is **48.1972, 16.0237, 29.2321**.

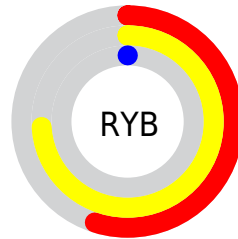
Distribution



Red (74%)

Green (42%)

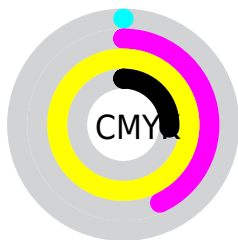
Blue (0%)



Red (55%)

Yellow (74%)

Blue (0%)

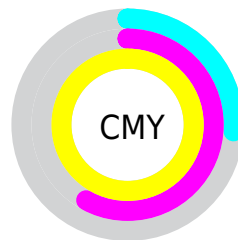


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2780, 19.6908, 28.8610 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 46.2780, 19.6908, 28.8610 by changing the saturation by 10% instead.

■ 46.2780, 19.6908,
28.8610

■ 46.2780, 19.6908,
28.8610

161.0869, 23.4126,
63.7267

■ 36.6465, 18.8347,
24.0788

■ 67.6621, 21.0675,
37.7014

■ 27.7940, 17.8537,
19.4558

■ 79.3261, 21.6169,
41.8164

■ 19.7978, 16.7285,
13.8585

■ 91.5926, 22.0848,
45.7655

■ 12.7619, 15.4494,
8.9333

■ 104.4333, 22.4781,
49.5724

■ 6.1384, 18.2739,
4.2969

■ 117.8237, 22.8028,
53.2568

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 131.7419, 23.0640,

56.8351

0.0000, NaN, NaN

146.1688, 23.2660,
60.3212

0.0000, NaN, NaN

46.2780, 19.6908,
28.8610

46.2780, 19.6908,
28.8610

46.2786, 19.6891,
28.8613

48.1972, 16.0237,
29.2321

50.2447, 12.5778,
29.0560

52.4258, 9.4275,
28.1791

54.7354, 6.5959,
26.5924

57.1670, 4.0912,
24.3131

■ 59.7138, 1.9117,
21.3736

■ 62.3687, 0.0488,
17.8140

■ 65.1250, -1.5108,
13.6779

■ 67.9759, -2.7826,
9.0093

Harmonies

Analogous

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



46.2792, 46.9196, 23.5264



46.2780, 19.6908, 28.8610



46.2792, -8.6618, 29.6530

Triad

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



46.2792, 19.6878, 28.8615



46.2792, -43.6654, -3.9488



46.2792, 33.2575, -57.1147

Complementary

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



46.2780, 19.6908, 28.8610



30.6076, 16.1034, -73.0187

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.



46.2792, 4.0617, -78.6242



46.2780, 19.6908, 28.8610



46.2792, -37.1634, -38.3553

Square

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



46.2792, 19.6878, 28.8615



46.2792, -41.3352, 17.9979



46.2792, -21.1150, -70.2867



46.2792, 55.9289, -21.3224

Rectangle

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



46.2780, 19.6908, 28.8610



46.2792, -23.8390, 28.4952



46.2792, -21.1150, -70.2867



46.2792, 23.6505, -66.9746

Sweetspot

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



46.2792, 19.6878, 28.8615



83.7832, 0.1800, 24.2378



33.6045, 59.3364, 7.8473



38.1472, 0.5543, 12.2148



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



46.2792, 19.6878, 28.8615



61.9020, 27.3660, 38.6228



67.1820, -22.5364, 41.0025



32.2828, -1.3521, 4.1171



38.3819, 15.8289, 23.9279



8.3918, 1.5363, 5.1979

Inverse Universe

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



30.6076, 16.1034, -73.0187



40.6379, 22.9607, -100.3596



19.2693, 51.8393, -133.6078



31.4243, -1.9310, -0.8062



25.5324, 12.6711, -59.2665



6.2065, 0.2477, -8.2924

Previews

White Background



This preview shows how the HunterLab color 46.2780, 19.6908, 28.8610 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 46.2780, 19.6908, 28.8610 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 46.2780, 19.6908, 28.8610 Background



This preview shows how black text looks on a background with the HunterLab color 46.2780, 19.6908, 28.8610.



This preview shows how white text looks on a background with the HunterLab color 46.2780, 19.6908,

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

46.2780, 19.6908, 28.8610

Protanopia

46.6420, -6.5620, 28.0512

Deuteranopia

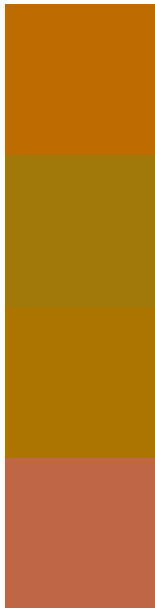
46.4763, 2.6228, 28.6844



Tritanopia

46.2639, 30.9371, 10.8673

Trichromacy



Original Color

46.2780, 19.6908, 28.8610

Protanomaly

46.1234, 2.8387, 28.1016

Deuteranomaly

46.2391, 8.4720, 28.6406

Tritanomaly

46.0506, 25.6586, 21.5764

Monochromacy



Original Color

46.2780, 19.6908, 28.8610

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.6261, 2.3232, 17.6304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2780, 19.6908, 28.8610 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(188, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 108, 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(188, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 108, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2780, 19.6908, 28.8610 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(188, 108, 0) }
```


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

```
.border{ border-color:rgb(188, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 108,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2780, 19.6908, 28.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 108, 0) }
```

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

```
.background{ background-color: rgb(188,  
108, 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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