

Converting Colors

HunterLab(46.6270, 30.7126,
0.8642)

Have a look what the booklet for
HunterLab(46.6270, 30.7126,
0.8642) contains.

HunterLab(46.5138, 30.7913, 0.9152)	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(46.5138, 30.7913,
0.9152)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6685
RGB	186, 102, 133
RGB Percent	73%, 40%, 52%
CMY	0.2706, 0.6000, 0.4784
CMYK	0.00, 0.45, 0.28, 0.27
HSL	338°, 38%, 56%
HSV	338°, 45%, 73%
XYZ	29.2348, 21.6353, 24.8255
YIQ	130.6500, 40.1130, 27.4490

Conversions

Conversions Part 2

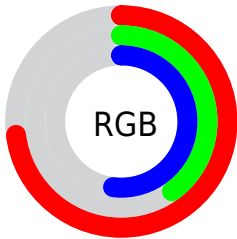
Format	Color
R_{YB}	186, 102, 133
Decimal	12215941
CIE Lab	53.64, 37.35, -2.12
CIE LCh	54, 37.407, 356.757
Yxy	21.6364, 0.3862, 0.2858
Android (android.graphics.Color)	4290406021 (0xFFBA6685)
YUV	130.6500, 1.1585, 48.5419
Hunter-Lab	46.5138, 30.7913, 0.9152

Details

The HunterLab color **46.5138, 30.7913, 0.9152** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **63.4900, -29.6990, 9.6413**, and the grayscale version is **47.4885, -2.5339, 2.5801**.

A 20% lighter version of the original color is **67.9860, 33.0236, 1.9583**, and **28.0034, 27.7024, -0.0178** is the 20% darker color. If you saturate the color by 10%, you get **42.5145, 38.2958, 1.5221**, and if you desaturate by 10%, it is **51.0435, 23.0326, 0.8634**.

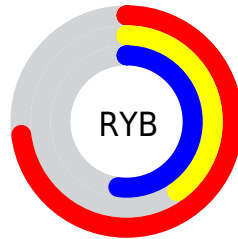
Distribution



Red (73%)

Green (40%)

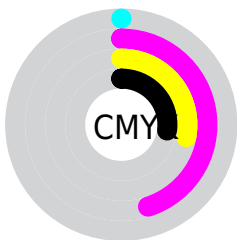
Blue (52%)



Red (73%)

Yellow (40%)

Blue (52%)

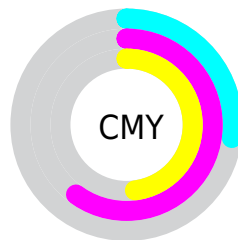


Cyan (0%)

Magenta (45%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5138, 30.7913, 0.9152 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 46.5138, 30.7913, 0.9152 by changing the saturation by 10% instead.

■ 46.5138, 30.7913,
0.9152

■ 46.5138, 30.7913,
0.9152

161.4440, 38.4402,
6.3657

■ 36.8646, 29.4426,
0.5070

■ 67.9296, 33.1258,
1.8717

■ 27.9929, 27.9677,
0.1500

■ 79.6081, 34.1352,
2.4108

■ 19.9755, 26.3683,
-0.1479

■ 91.8885, 35.0502,
2.9874

■ 12.9155, 24.6923,
-0.3762

■ 104.7424, 35.8783,
3.5992

■ 6.3472, 27.7203,
-1.0363

118.1454, 36.6259,
4.2443

0.0000, INF, NaN

0.0000, NaN, NaN

132.0759, 37.2989,

4.9214

0.0000, NaN, NaN

146.5145, 37.9022,
5.6289

0.0000, NaN, NaN

■ 46.5138, 30.7913,
0.9152

■ 46.5138, 30.7913,
0.9152

■ 42.5145, 38.2958,
1.5221

■ 51.0435, 23.0326,
0.8634

■ 39.1318, 45.1821,
2.7563

■ 56.0181, 15.2572,
1.2727

■ 36.4515, 50.9427,
4.6417

■ 61.3690, 7.5854,
2.0582

■ 34.5309, 55.0408,
7.1045

■ 67.0389, 0.0707,
3.1468

■ 33.3667, 57.1304,
9.9483

■ 72.9818, -7.2732,
4.4801

■ 32.9611, 57.7368,
11.2996

■ 79.1610, -14.4534,
6.0120

■ 85.5467, -21.4865,
7.7073

■ 92.1152, -28.3924,
9.5384

■ 93.8984, -28.3353,
5.9824

Harmonies

Analogous

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



46.5149, 24.8523, -15.6306



46.5138, 30.7913, 0.9152



46.5149, 26.9002, 13.4781

Triad

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



46.5149, 30.7889, 0.9162



46.5149, -15.0360, 21.2675



46.5149, -17.5782, -27.5887

Complementary

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



46.5138, 30.7913, 0.9152



63.4900, -29.6990, 9.6413

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.



46.5149, -26.0061, -11.9589



46.5138, 30.7913, 0.9152



46.5149, -24.6775, 15.4393

Square

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



46.5149, 30.7889, 0.9162



46.5149, -0.8037, 22.7407



46.5149, -28.4278, 4.0917



46.5149, -4.1415, -35.1087

Rectangle

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



46.5138, 30.7913, 0.9152



46.5149, 19.5030, 18.6879



46.5149, -28.4278, 4.0917



46.5149, -21.0205, -22.9039

Sweetspot

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



46.5149, 30.7889, 0.9162



83.3122, 9.2651, 2.8910



44.6090, 29.5877, -33.7372



38.3400, 5.3902, 1.2273



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.



46.5149, 30.7889, 0.9162



57.3702, 51.2985, 2.0171



47.8997, 22.0872, 14.3411



30.1091, 1.4831, 1.2391



27.0602, 47.4478, 8.9085



5.1987, 9.3393, -0.0232

Inverse Universe

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



46.5149, 30.7889, 0.9162



57.3702, 51.2985, 2.0171



61.2371, -19.9866, -7.5934



30.1091, 1.4831, 1.2391



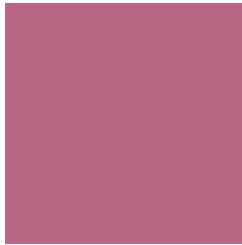
27.0602, 47.4478, 8.9085



5.1987, 9.3393, -0.0232

Previews

White Background



This preview shows how the HunterLab color 46.5138, 30.7913, 0.9152 looks on a white background.

Color Contrast Check

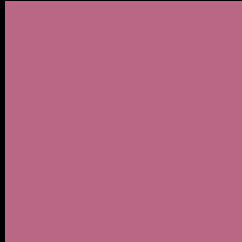
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5138, 30.7913, 0.9152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

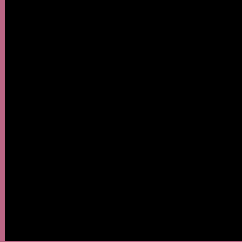
Any Text WCAG AA ✓ Pass

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 46.5138, 30.7913, 0.9152 Background



This preview shows how black text looks on a background with the HunterLab color 46.5138, 30.7913, 0.9152.



This preview shows how white text looks on a background with the HunterLab color 46.5138, 30.7913,

0.9152.

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

46.5138, 30.7913, 0.9152

Protanopia

46.8703, 0.2435, -7.0826

Deuteranopia

46.8134, 3.0327, 2.5951



Tritanopia

46.5732, 25.4354, 9.2549

Trichromacy



Original Color

46.5138, 30.7913, 0.9152

Protanomaly

46.2384, 10.1403, -4.6524

Deuteranomaly

46.3707, 12.3736, 1.7869

Tritanomaly

46.6621, 27.1707, 6.6505

Monochromacy



Original Color

46.5138, 30.7913, 0.9152

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

46.5598, 9.1654, 1.0520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5138, 30.7913, 0.9152 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(186, 102, 133)` looks like.

```
.text, #text, p{  
    color:rgb(186, 102, 133)  
}
```

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(186, 102, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 102, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5138, 30.7913, 0.9152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

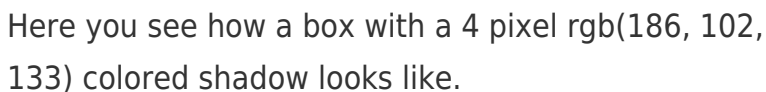
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 102, 133) }
```


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

```
.border{ border-color:rgb(186, 102, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 102, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 102, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 102, 133); box-shadow:4px 4px 4px 4px rgb(186, 102, 133) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5138, 30.7913, 0.9152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 102, 133) }
```

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

```
.background{ background-color: rgb(186,  
102, 133) }
```

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