

Converting Colors

HunterLab(45.9196, 28.1212,
2.9050)

Have a look what the booklet for
HunterLab(45.9196, 28.1212,
2.9050) contains.

HunterLab(46.0194, 27.9653, 2.9778)	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(46.0194, 27.9653,
2.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	B6677F
RGB	182, 103, 127
RGB Percent	71%, 40%, 50%
CMY	0.2863, 0.5961, 0.5020
CMYK	0.00, 0.43, 0.30, 0.29
HSL	342°, 35%, 56%
HSV	342°, 43%, 71%
XYZ	27.9724, 21.1779, 22.6921
YIQ	129.3570, 39.3800, 24.2120

Conversions

Conversions Part 2

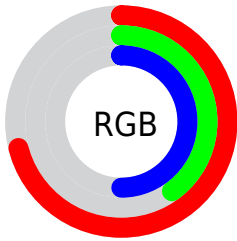
Format	Color
R_{YB}	182, 103, 127
Decimal	11954047
CIE _{Lab}	53.14, 34.55, 0.64
CIE _{LCh}	53, 34.554, 1.056
Yxy	21.1789, 0.3894, 0.2948
Android (android.graphics.Color)	4290144127 (0xFFB6677F)
YUV	129.3570, -1.1620, 46.1679
Hunter-Lab	46.0194, 27.9653, 2.9778

Details

The HunterLab color **46.0194, 27.9653, 2.9778** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **62.2965, -27.3743, 7.1191**, and the grayscale version is **46.9885, -2.5072, 2.5530**.

A 20% lighter version of the original color is **67.5259, 30.0253, 4.2213**, and **27.5831, 25.5071, 1.9501** is the 20% darker color. If you saturate the color by 10%, you get **41.9927, 35.2495, 3.8768**, and if you desaturate by 10%, it is **50.5505, 20.5186, 2.5562**.

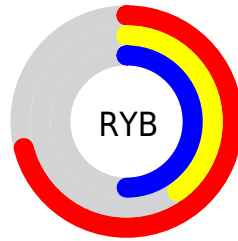
Distribution



Red (71%)

Green (40%)

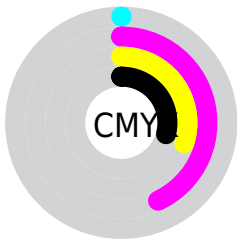
Blue (50%)



Red (71%)

Yellow (40%)

Blue (50%)

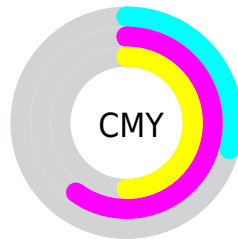


Cyan (0%)

Magenta (43%)

Yellow (30%)

Black (29%)



Cyan (29%)

Magenta (60%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0194, 27.9653, 2.9778 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 46.0194, 27.9653, 2.9778 by changing the saturation by 10% instead.

■ 46.0194, 27.9653,
2.9778

■ 46.0194, 27.9653,
2.9778

■ 160.6946, 34.7190,
9.4680

■ 36.4072, 26.7242,
2.4195

■ 67.3684, 30.0865,
4.2056

■ 27.5758, 25.3541,
1.8996

■ 79.0164, 30.9918,
4.8693

■ 19.6030, 23.8511,
1.4220

■ 91.2677, 31.8050,
5.5643

■ 12.5937, 22.2476,
0.9908

■ 104.0939, 32.5334,
6.2894

■ 5.9003, 26.5813,
0.7687

■ 117.4703, 33.1838,
7.0433

0.0000, INF, NaN

0.0000, NaN, NaN

■ 131.3751, 33.7616,

7.8250

0.0000, NaN, NaN

145.7890, 34.2719,
8.6335

0.0000, NaN, NaN

■ 46.0194, 27.9653,
2.9778

■ 46.0194, 27.9653,
2.9778

■ 41.9927, 35.2495,
3.8768

■ 50.5505, 20.5186,
2.5562

■ 38.5553, 42.0510,
5.2998

■ 55.5032, 13.1099,
2.5400

■ 35.7957, 47.8993,
7.2463


■ 60.8123, 5.8342,
2.8611


■ 33.7790, 52.2615,
9.6272


■ 66.4237, -1.2710,
3.4588


■ 32.5181, 54.7350,
12.2487


■ 72.2940, -8.2015,
4.2826

 31.9745, 55.6285,
13.9077

 78.3887, -14.9691,
5.2923

 84.6799, -21.5930,
6.4561

 91.1453, -28.0938,
7.7488

 93.7116, -28.8792,
4.5655

Harmonies

Analogous

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



46.0205, 23.7992, -11.8326



46.0194, 27.9653, 2.9778



46.0205, 23.1930, 13.9386

Triad

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



46.0205, 27.9630, 2.9788



46.0205, -15.6464, 19.5952



46.0205, -14.8768, -26.3204

Complementary

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



46.0194, 27.9653, 2.9778



62.2965, -27.3743, 7.1191

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.



46.0205, -23.4879, -12.9139



46.0194, 27.9653, 2.9778



46.0205, -23.8931, 13.3353

Square

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



46.0205, 27.9630, 2.9788



46.0205, -2.9576, 21.5719



46.0205, -26.5842, 2.0262



46.0205, -1.9562, -31.5320

Rectangle

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



46.0194, 27.9653, 2.9778



46.0205, 15.8855, 18.4082



46.0205, -26.5842, 2.0262



46.0205, -18.3137, -22.4570

Sweetspot

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



46.0205, 27.9630, 2.9788



82.0177, 7.6775, 3.8641



44.9950, 29.1481, -30.0804



37.7856, 4.6153, 1.7541



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



46.0205, 27.9630, 2.9788



56.8075, 46.9599, 5.1394



48.7452, 17.8081, 14.7389



30.0931, 1.3972, 1.4668



26.8893, 46.8196, 11.4004



5.1600, 9.1985, 0.5292

Inverse Universe

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



46.0205, 27.9630, 2.9788



56.8075, 46.9599, 5.1394



58.3856, -16.7202, -9.2574



30.0931, 1.3972, 1.4668



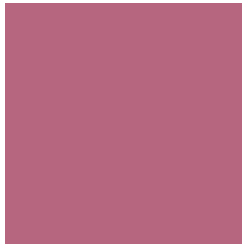
26.8893, 46.8196, 11.4004



5.1600, 9.1985, 0.5292

Previews

White Background



This preview shows how the HunterLab color 46.0194, 27.9653, 2.9778 looks on a white background.

Color Contrast Check

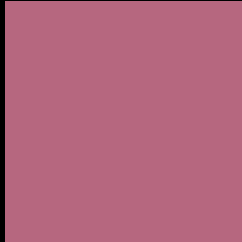
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0194, 27.9653, 2.9778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

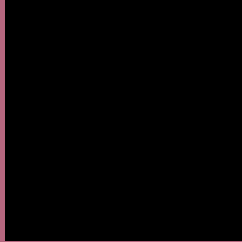
Any Text WCAG AA ✓ Pass

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 46.0194, 27.9653, 2.9778 Background



This preview shows how black text looks on a background with the HunterLab color 46.0194, 27.9653, 2.9778.



This preview shows how white text looks on a background with the HunterLab color 46.0194, 27.9653,

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

46.0194, 27.9653, 2.9778

Protanopia

46.1307, 0.0372, -3.9615

Deuteranopia

46.1344, 3.2462, 3.9783



Tritanopia

45.9556, 24.7936, 8.5958

Trichromacy



Original Color

46.0194, 27.9653, 2.9778

Protanomaly

45.6568, 9.1474, -1.9541

Deuteranomaly

45.8687, 11.7934, 3.3914

Tritanomaly

45.8611, 25.9079, 6.5547

Monochromacy



Original Color

46.0194, 27.9653, 2.9778

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.1382, 7.5656, 2.3192

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0194, 27.9653, 2.9778 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(182, 103, 127)` looks like.

```
.text, #text, p{  
    color:rgb(182, 103, 127)  
}
```

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(182, 103, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 103, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0194, 27.9653, 2.9778 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(182, 103, 127) }
```


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

```
.border{ border-color:rgb(182, 103, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 103, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 103, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 103, 127);  
box-shadow:4px 4px 4px 4px rgb(182, 103,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.0194, 27.9653, 2.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 103, 127) }
```

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

```
.background{ background-color: rgb(182,  
103, 127) }
```

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