

Converting Colors

HunterLab(58.1663, 68.8133,
-16.8268)

Have a look what the booklet for
HunterLab(58.1663, 68.8133,
-16.8268) contains.

HunterLab(58.1727, 68.7814, -16.7880)	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(58.1727, 68.7814,
-16.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	FF61C5
RGB	255, 97, 197
RGB Percent	100%, 38%, 77%
CMY	0.0000, 0.6196, 0.2274
CMYK	0.00, 0.62, 0.23, 0.00
HSL	322°, 100%, 69%
HSV	322°, 62%, 100%
XYZ	55.5928, 33.8406, 56.4252
YIQ	155.6420, 62.0680, 64.5960

Conversions

Conversions Part 2

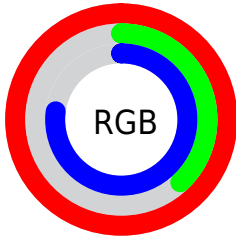
Format	Color
R_{YB}	255, 97, 197
Decimal	16736709
CIE _{Lab}	64.84, 69.71, -21.27
CIE _{LCh}	65, 72.887, 343.032
Yxy	33.8422, 0.3811, 0.2320
Android (android.graphics.Color)	4294926789 (0xFFFF61C5)
YUV	155.6420, 20.3895, 87.1370
Hunter-Lab	58.1727, 68.7814, -16.7880

Details

The HunterLab color $58.1727, 68.7814, -16.7880$ is a light color, and the websafe version is hex $FF66CC$. A complement of this color would be $87.4235, -57.8281, 31.8242$, and the grayscale version is $57.4166, -3.0636, 3.1196$.

A 20% lighter version of the original color is $72.0128, 49.5971, -31.9577$, and $38.0316, 64.4065, -15.9499$ is the 20% darker color. If you saturate the color by 10%, you get $54.2649, 77.9416, -16.9581$, and if you desaturate by 10%, it is $63.0699, 57.8734, -15.2332$.

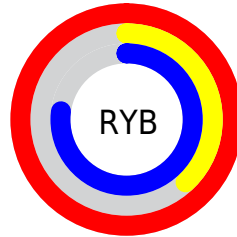
Distribution



Red (100%)

Green (38%)

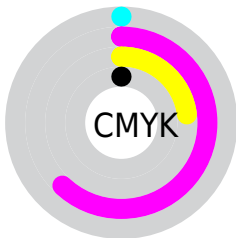
Blue (77%)



Red (100%)

Yellow (38%)

Blue (77%)

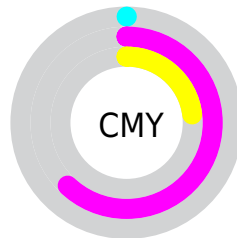


Cyan (0%)

Magenta (62%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.1727, 68.7814, -16.7880 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 58.1727, 68.7814, -16.7880 by changing the saturation by 10% instead.

58.1727, 68.7814,
-16.7880

58.1727, 68.7814,
-16.7880

178.7255, 84.9860,
-17.1173

47.7205, 66.5329,
-16.4651

81.0483, 73.0162,
-17.2386

37.9810, 64.2381,
-16.0792

93.3987, 74.9947,
-17.3749

29.0125, 61.9616,
-15.6338

106.3197, 76.8786,
-17.4554

20.8880, 59.8685,
-15.1487

119.7870, 78.6703,
-17.4831

13.7064, 58.4032,
-14.6898

133.7793, 80.3731,
-17.4607

7.3178, 62.4961,
-15.5124

148.2776, 81.9909,

0.0000, INF, -NF

-17.3908

0.0000, INF, NaN

163.2648, 83.5273,
-17.2756

0.0000, NaN, NaN

■ 58.1727, 68.7814,
-16.7880

■ 58.1727, 68.7814,
-16.7880

■ 54.2649, 77.9416,
-16.9581

■ 63.0699, 57.8734,
-15.2332

■ 51.4200, 84.5615,
-15.5699

■ 68.8375, 45.9833,
-12.5712

■ 49.6386, 88.0878,
-12.6565

■ 75.3548, 33.6686,
-9.0725

■ 48.8333, 88.9259,
-9.5089

■ 82.5087, 21.2850,
-4.9636

■ 90.2025, 9.0290,
-0.4152

98.3560, -3.0083,
4.4512

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



58.1741, 45.4800, -58.4639



58.1727, 68.7814, -16.7880



58.1741, 70.3682, 14.9474

Triad

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



58.1741, 68.7775, -16.7863



58.1741, -16.4252, 36.2897



58.1741, -41.8120, -53.0960

Complementary

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



58.1727, 68.7814, -16.7880



87.4235, -57.8281, 31.8242

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.



58.1741, -51.9874, -11.7477



58.1727, 68.7814, -16.7880



58.1741, -39.6273, 31.8693

Square

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



58.1741, 68.7775, -16.7863



58.1741, 16.0947, 36.0329



58.1741, -51.2861, 17.8708



58.1741, -20.1020, -86.0761

Rectangle

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



58.1727, 68.7814, -16.7880



58.1741, 58.4582, 26.9983



58.1741, -51.2861, 17.8708



58.1741, -46.4595, -38.9764

Sweetspot

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



58.1741, 68.7775, -16.7863



84.7318, 17.6414, -3.6579



47.6796, 50.7036, -87.3778



38.2057, 9.7920, -2.2768

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.1741, 68.7775, -16.7863



53.5959, 79.5246, -16.8041



55.7860, 58.4891, 17.1583



42.6387, 2.8010, 0.3483



35.3416, 64.4324, -7.4637



11.1229, 20.4470, -3.6546

Inverse Universe

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



58.1741, 68.7775, -16.7863



53.5959, 79.5246, -16.8041



89.4419, -45.6966, 2.7459



42.6387, 2.8010, 0.3483



35.3416, 64.4324, -7.4637



11.1229, 20.4470, -3.6546

Previews

White Background



This preview shows how the HunterLab color 58.1727, 68.7814, -16.7880 looks on a white background.

Color Contrast Check

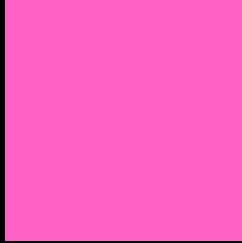
Large Text (above 18pt) WCAG AA × Fail

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 58.1727, 68.7814, -16.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

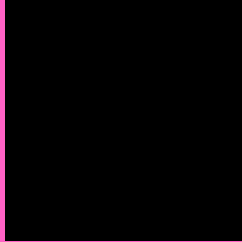
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.1727, 68.7814, -16.7880 Background



This preview shows how black text looks on a background with the HunterLab color 58.1727, 68.7814, -16.7880.



This preview shows how white text looks on a background with the HunterLab color 58.1727, 68.7814, -16.7880.

-16.7880.

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

58.1727, 68.7814, -16.7880

Protanopia

58.5201, 8.0143, -47.3226

Deuteranopia

58.3191, 4.2514, -12.3587



Tritanopia

58.0069, 47.4786, 17.4214

Trichromacy



Original Color

58.1727, 68.7814, -16.7880



Protanomaly

56.0631, 27.4479, -39.5538



Deuteranomaly

56.4572, 26.9841, -16.5024



Tritanomaly

57.8242, 55.1652, 7.0112

Monochromacy



Original Color

58.1727, 68.7814, -16.7880



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

56.1023, 21.9388, -5.7632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1727, 68.7814, -16.7880 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(255, 97, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 197)  
}
```

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(255, 97, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1727, 68.7814, -16.7880 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(255, 97, 197) }
```


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

```
.border{ border-color:rgb(255, 97, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1727, 68.7814, -16.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 197) }
```

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

```
.background{ background-color: rgb(255, 97,  
197) }
```

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