

Converting Colors

HunterLab(58.4060, 63.9427,
-7.4510)

Have a look what the booklet for
HunterLab(58.4060, 63.9427,
-7.4510) contains.

HunterLab(58.3943, 63.8919, -7.2858)	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(58.3943, 63.8919,
-7.2858)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66B5
RGB	255, 102, 181
RGB Percent	100%, 40%, 71%
CMY	0.0000, 0.6000, 0.2902
CMYK	0.00, 0.60, 0.29, 0.00
HSL	329°, 100%, 70%
HSV	329°, 60%, 100%
XYZ	54.3319, 34.0989, 47.4342
YIQ	156.7530, 65.8290, 57.0050

Conversions

Conversions Part 2

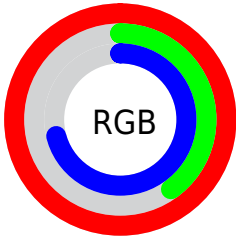
Format	Color
R _Y B	255, 102, 181
Decimal	16737973
CIE Lab	65.04, 65.64, -11.89
CIE LCh	65, 66.712, 349.736
Yxy	34.1006, 0.3999, 0.2510
Android (android.graphics.Color)	4294928053 (0xFFFF66B5)
YUV	156.7530, 11.9538, 86.1626
Hunter-Lab	58.3943, 63.8919, -7.2858

Details

The HunterLab color **58.3943, 63.8919, -7.2858** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **88.0228, -54.5161, 25.6155**, and the grayscale version is **57.9009, -3.0894, 3.1459**.

A 20% lighter version of the original color is **72.2293, 43.9309, -20.4914**, and **38.0511, 59.4589, -7.3331** is the 20% darker color. If you saturate the color by 10%, you get **54.1768, 73.1899, -6.2346**, and if you desaturate by 10%, it is **63.5890, 53.0973, -7.1110**.

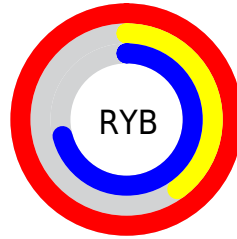
Distribution



Red (100%)

Green (40%)

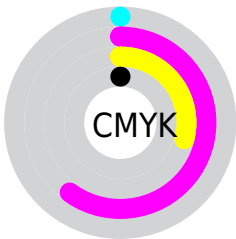
Blue (71%)



Red (100%)

Yellow (40%)

Blue (71%)

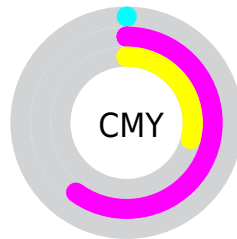


Cyan (0%)

Magenta (60%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.3943, 63.8919, -7.2858 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 58.3943, 63.8919, -7.2858 by changing the saturation by 10% instead.


 58.3943, 63.8919,
-7.2858


 58.3943, 63.8919,
-7.2858


179.0476, 79.0183,
-4.8022

 47.9280, 61.7457,
-7.3017


 81.2958, 67.8959,
-7.0675


 38.1733, 59.5348,
-7.2507


 93.6583, 69.7534,
-6.8776

 29.1883, 57.3081,
-7.1245


 106.5907, 71.5149,
-6.6386

 21.0456, 55.1968,
-6.9158

 120.0689, 73.1841,
-6.3535

 13.8435, 53.5608,
-6.6214

134.0718, 74.7650,
-6.0251

 7.4714, 56.3485,
-6.8396

148.5803, 76.2616,

0.0000, INF, -NF

-5.6558

0.0000, INF, NaN

163.5774, 77.6780,
-5.2475

0.0000, NaN, NaN

■ 58.3943, 63.8919,
-7.2858

■ 58.3943, 63.8919,
-7.2858

■ 54.1768, 73.1899,
-6.2346

■ 63.5890, 53.0973,
-7.1110

■ 51.0294, 80.1870,
-3.8680

■ 69.6315, 41.5242,
-5.9071

■ 48.9804, 84.2281,
-0.2827

■ 76.3974, 29.6633,
-3.8830

■ 47.8717, 85.4415,
4.1061

■ 83.7746, 17.8114,
-1.2250

■ 47.8714, 85.4417,
4.1075

■ 91.6688, 6.1224,
1.9183

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.



58.3958, 46.8133, -43.5958



58.3943, 63.8919, -7.2858



58.3958, 60.4880, 18.6307

Triad

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



58.3958, 63.8880, -7.2842



58.3958, -21.0772, 34.5842



58.3958, -35.4629, -54.8585

Complementary

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



58.3943, 63.8919, -7.2858



88.0228, -54.5161, 25.6155

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.



58.3958, -47.5180, -18.1529



58.3943, 63.8919, -7.2858



58.3958, -40.4271, 28.4158

Square

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



58.3958, 63.8880, -7.2842



58.3958, 7.3431, 35.2582



58.3958, -49.1340, 12.0045



58.3958, -12.8927, -78.8235

Rectangle

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



58.3943, 63.8919, -7.2858



58.3958, 47.2549, 28.2327



58.3958, -49.1340, 12.0045



58.3958, -40.6721, -42.9449

Sweetspot

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



58.3958, 63.8880, -7.2842



85.3122, 15.4615, -0.6321



50.9404, 53.4585, -77.7898



38.4358, 8.7387, -0.6893

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3958, 63.8880, -7.2842



53.4583, 74.8019, -5.8662



56.3696, 54.9948, 21.7653



42.5954, 2.5690, 0.9639



34.6479, 61.9216, 2.3431



10.9131, 19.6908, -0.7140

Inverse Universe

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



58.3958, 63.8880, -7.2842



53.4583, 74.8019, -5.8662



90.2231, -41.3955, -5.8961



42.5954, 2.5690, 0.9639



34.6479, 61.9216, 2.3431



10.9131, 19.6908, -0.7140

Previews

White Background



This preview shows how the HunterLab color 58.3943, 63.8919, -7.2858 looks on a white background.

Color Contrast Check

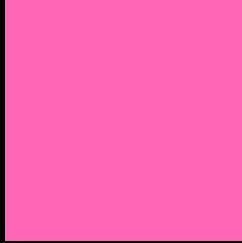
Large Text (above 18pt) WCAG AA × Fail

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 58.3943, 63.8919, -7.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

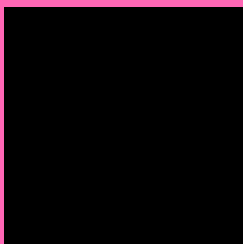
Any Text WCAG AA ✓ Pass

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 58.3943, 63.8919, -7.2858 Background



This preview shows how black text looks on a background with the HunterLab color 58.3943, 63.8919, -7.2858.



This preview shows how white text looks on a background with the HunterLab color 58.3943, 63.8919, -7.2858.

-7.2858.

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

58.3943, 63.8919, -7.2858

Protanopia

58.6637, 4.9263, -30.8032

Deuteranopia

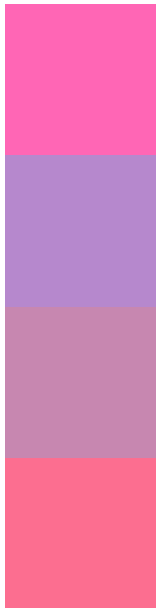
58.6036, 4.1557, -3.8142



Tritanopia

58.3228, 48.3006, 17.7342

Trichromacy



Original Color

58.3943, 63.8919, -7.2858

Protanomaly

56.5342, 24.5660, -25.3068

Deuteranomaly

57.1005, 25.2846, -7.0216

Tritanomaly

58.1901, 53.8593, 9.9151

Monochromacy



Original Color

58.3943, 63.8919, -7.2858

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

56.5526, 20.4092, -2.6179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3943, 63.8919, -7.2858 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, 102, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 181)  
}
```

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, 102, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3943, 63.8919, -7.2858 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, 102, 181) }
```


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

```
.border{ border-color:rgb(255, 102, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3943, 63.8919, -7.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 181) }
```

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

```
.background{ background-color: rgb(255,  
102, 181) }
```

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