

Converting Colors

HunterLab(58.3424, 87.8030,
-58.6569)

Have a look what the booklet for
HunterLab(58.3424, 87.8030,
-58.6569) contains.

| | |
|--|----|
| HunterLab(58.3712, 87.7103, -58.5934) | 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(58.3712, 87.7103,
-58.5934)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4FFF |
| RGB | 255, 79, 255 |
| RGB Percent | 100%, 31%, 100% |
| CMY | 0.0000, 0.6902, 0.0000 |
| CMYK | 0.00, 0.69, 0.00, 0.00 |
| HSL | 300°, 100%, 65% |
| HSV | 300°, 69%, 100% |
| XYZ | 62.0860, 34.0720, 97.9120 |
| YIQ | 151.6880, 48.4000, 92.0480 |

Conversions

Conversions Part 2

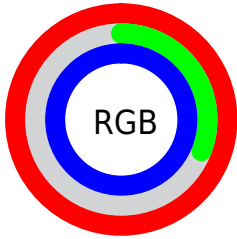
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 79, 255 |
| Decimal | 16732159 |
| CIE _{Lab} | 65.02, 84.61, -53.35 |
| CIE _{LCh} | 65, 100.024, 327.765 |
| Y _{xy} | 34.0732, 0.3199, 0.1756 |
| Android (android.graphics.Color) | 4294922239 (0xFFFF4FFF) |
| YUV | 151.6880, 50.9328, 90.6046 |
| Hunter-Lab | 58.3712, 87.7103, -58.5934 |

Details

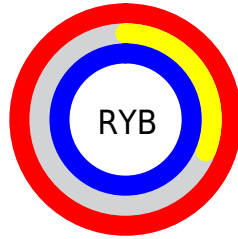
The HunterLab color **58.3712, 87.7103, -58.5934** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85.8762, -66.3158, 46.6474**, and the grayscale version is **55.6967, -2.9718, 3.0261**.

A 20% lighter version of the original color is **69.1563, 56.9773, -37.4990**, and **39.4291, 77.8639, -54.6782** is the 20% darker color. If you saturate the color by 10%, you get **55.7430, 96.4594, -64.5905**, and if you desaturate by 10%, it is **62.0349, 76.4325, -50.8579**.

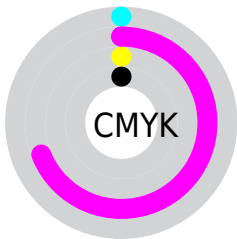
Distribution



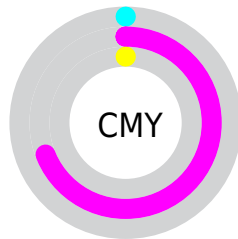
- Red (100%)
- Green (31%)
- Blue (100%)



- Red (100%)
- Yellow (31%)
- Blue (100%)



- Cyan (0%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.3712, 87.7103, -58.5934 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 58.3712, 87.7103, -58.5934 by changing the saturation by 10% instead.


 58.3712, 87.7103,
-58.5934


 58.3712, 87.7103,
-58.5934


179.0135,
107.4755, -65.0228


 47.9060, 85.1727,
-57.9899


 81.2696, 92.6604,
-60.0664


 38.1529, 82.6762,
-57.6094


 93.6307, 95.0309,
-60.8436

 29.1697, 80.3534,
-57.6589


 106.5619, 97.3178,
-61.6135

 21.0289, 78.5091,
-58.5827

 120.0390, 99.5184,
-62.3626

 13.8289, 77.9254,
-61.4780

134.0408,
101.6327, -63.0824

 7.4553, 84.8798,
-72.6288

148.5482,

0.0000, INF, -NF

103.6621, -63.7677

0.0000, NaN, -NF

163.5442,
105.6088, -64.4151

■ 58.3712, 87.7103,
-58.5934

■ 58.3712, 87.7103,
-58.5934

■ 55.7430, 96.4594,
-64.5905

■ 62.0349, 76.4325,
-50.8579

■ 54.1395, 102.1068,
-68.4600

■ 66.6690, 63.4486,
-41.9446

■ 53.4176, 104.7331,
-70.2590

■ 72.1750, 49.5257,
-32.3771

■ 53.3667, 104.9207,
-70.3875

■ 78.4418, 35.2507,
-22.5564

■ 85.3626, 21.0046,
-12.7436

92.8428, 7.0006,
-3.0852

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.



58.3722, 42.0468, -123.4204



58.3712, 87.7103, -58.5934



58.3722, 108.5690, -0.0692

Triad

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



58.3722, 87.7070, -58.5911



58.3722, 0.2388, 39.9973



58.3722, -60.9440, -48.5080

Complementary

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



58.3712, 87.7103, -58.5934



85.8762, -66.3158, 46.6474

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.



58.3722, -66.1337, 6.2475



58.3712, 87.7103, -58.5934



58.3722, -37.7043, 39.0070

Square

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



58.3722, 87.7070, -58.5911



58.3722, 49.5592, 38.5500



58.3722, -59.0662, 31.9635



58.3722, -41.9260, -115.1372

Rectangle

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



58.3712, 87.7103, -58.5934



58.3722, 102.0327, 22.8723



58.3722, -59.0662, 31.9635



58.3722, -64.0609, -27.3089

Sweetspot

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



58.3722, 87.7070, -58.5911



83.9425, 23.8162, -14.6811



38.0471, 46.3515, -123.1745



37.9386, 12.8356, -8.0441

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3722, 87.7070, -58.5911



54.9848, 99.0986, -66.3990



54.4457, 71.9627, -5.0053



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Inverse Universe

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



58.3722, 87.7070, -58.5911



54.9848, 99.0986, -66.3990



87.1624, -58.4114, 27.8166



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Previews

White Background



This preview shows how the HunterLab color 58.3712, 87.7103, -58.5934 looks on a white background.

Color Contrast Check

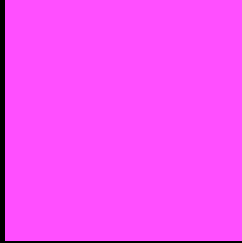
Large Text (above 18pt) WCAG AA × Fail

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 58.3712, 87.7103, -58.5934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

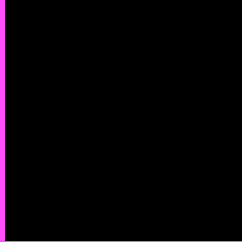
Any Text WCAG AA ✓ Pass

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 58.3712, 87.7103, -58.5934 Background



This preview shows how black text looks on a background with the HunterLab color 58.3712, 87.7103, -58.5934.



This preview shows how white text looks on a background with the HunterLab color 58.3712, 87.7103, -58.5934.

-58.5934.

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

58.3712, 87.7103, -58.5934

Protanopia

58.6895, 10.1531, -59.2338

Deuteranopia

58.5063, 5.3276, -49.7853



Tritanopia

58.0678, 42.7193, 15.3230

Trichromacy



Original Color

58.3712, 87.7103, -58.5934



Protanomaly

55.3301, 37.2993, -66.6315



Deuteranomaly

55.2475, 33.7315, -59.8005

Tritanomaly

57.2635, 58.1268, -5.6896

Monochromacy



Original Color

58.3712, 87.7103, -58.5934



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

54.0002, 29.4748, -19.0696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3712, 87.7103, -58.5934 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, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 255)  
}
```

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, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3712, 87.7103, -58.5934 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, 79, 255) }
```


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

```
.border{ border-color:rgb(255, 79, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3712, 87.7103, -58.5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 255) }
```

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

```
.background{ background-color: rgb(255, 79,  
255) }
```

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