

Converting Colors

HunterLab(59.3499, 78.5898,
-43.4871)

Have a look what the booklet for
HunterLab(59.3499, 78.5898,
-43.4871) contains.

HunterLab(59.4312, 78.4093, -43.4734)	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(59.4312, 78.4093,
-43.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5DEF
RGB	255, 93, 239
RGB Percent	100%, 36%, 94%
CMY	0.0000, 0.6353, 0.0627
CMYK	0.00, 0.64, 0.06, 0.00
HSL	306°, 100%, 68%
HSV	306°, 64%, 100%
XYZ	60.7343, 35.3207, 85.2778
YIQ	158.0820, 49.6860, 79.7500

Conversions

Conversions Part 2

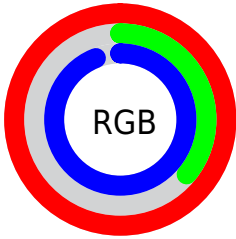
Format	Color
R _Y B	255, 93, 239
Decimal	16735727
CIE Lab	66.00, 77.22, -42.98
CIE LCh	66, 88.375, 330.901
Yxy	35.3221, 0.3349, 0.1948
Android (android.graphics.Color)	4294925807 (0xFFFF5DEF)
YUV	158.0820, 39.8926, 84.9971
Hunter-Lab	59.4312, 78.4093, -43.4734

Details

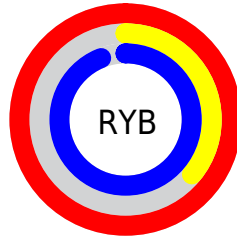
The HunterLab color **59.4312, 78.4093, -43.4734** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **86.5747, -62.7747, 42.3383**, and the grayscale version is **58.3367, -3.1127, 3.1695**.

A 20% lighter version of the original color is **71.5978, 50.9187, -33.3348**, and **39.1070, 73.5439, -41.7113** is the 20% darker color. If you saturate the color by 10%, you get **56.0528, 88.1624, -48.2460**, and if you desaturate by 10%, it is **63.8112, 66.6122, -37.2147**.

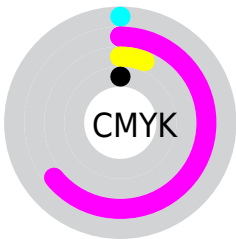
Distribution



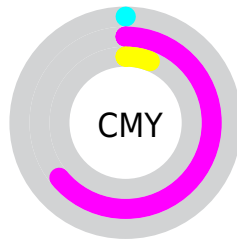
- Red (100%)
- Green (36%)
- Blue (94%)



- Red (100%)
- Yellow (36%)
- Blue (94%)



- Cyan (0%)
- Magenta (64%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.4312, 78.4093, -43.4734 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 59.4312, 78.4093, -43.4734 by changing the saturation by 10% instead.

59.4312, 78.4093,
-43.4734

59.4312, 78.4093,
-43.4734

180.5513, 96.3900,
-48.5496

48.8990, 76.0043,
-42.7888

82.4527, 83.0105,
-44.8525

39.0739, 73.5853,
-42.1723

94.8707, 85.1853,
-45.5074

30.0124, 71.2406,
-41.7235

107.8563, 87.2697,
-46.1249

21.7854, 69.1793,
-41.6606

121.3856, 89.2641,
-46.7002

14.4881, 67.9394,
-42.5201

135.4376, 91.1704,
-47.2310

8.1492, 70.5507,
-46.7405

149.9936, 92.9913,

0.0000, INF, -NF

-47.7161

0.0000, NaN, -NF

165.0366, 94.7301,
-48.1555

■ 59.4312, 78.4093,
-43.4734

■ 59.4312, 78.4093,
-43.4734

■ 56.0528, 88.1624,
-48.2460

■ 63.8112, 66.6122,
-37.2147

■ 53.7167, 95.1210,
-51.1226

■ 69.0962, 53.5856,
-29.9521

■ 52.3837, 98.8775,
-51.9324

■ 75.1753, 39.9799,
-22.0959

■ 51.9257, 99.9065,
-51.5790

■ 81.9377, 26.2418,
-13.9459

■ 89.2837, 12.6356,
-5.6956

97.1283, -0.7056,
2.5428

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.



59.4324, 40.8703, -97.5379



59.4312, 78.4093, -43.4734



59.4324, 92.9358, 4.3552

Triad

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



59.4324, 78.4059, -43.4716



59.4324, -4.3588, 39.5797



59.4324, -55.1462, -46.8468

Complementary

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



59.4312, 78.4093, -43.4734



86.5747, -62.7747, 42.3383

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.



59.4324, -61.4696, 2.0927



59.4312, 78.4093, -43.4734



59.4324, -37.2433, 37.7791

Square

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



59.4324, 78.4059, -43.4716



59.4324, 38.2636, 38.0171



59.4324, -55.8762, 28.6669



59.4324, -35.6664, -100.2251

Rectangle

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



59.4312, 78.4093, -43.4734



59.4324, 85.2754, 23.6049



59.4324, -55.8762, 28.6669



59.4324, -58.6138, -28.5832

Sweetspot

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



59.4324, 78.4059, -43.4716



85.1960, 20.0564, -10.2157



42.5974, 42.6571, -104.6865



38.4568, 11.0854, -5.8175

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.4324, 78.4059, -43.4716



55.3776, 90.1685, -49.1464



56.2546, 65.1087, 0.5071



42.7406, 3.3467, -1.0995



37.5516, 72.2770, -37.5066



11.7541, 22.6811, -12.1864

Inverse Universe

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



59.4324, 78.4059, -43.4716



55.3776, 90.1685, -49.1464



88.0097, -54.0302, 21.4226



42.7406, 3.3467, -1.0995



37.5516, 72.2770, -37.5066



11.7541, 22.6811, -12.1864

Previews

White Background



This preview shows how the HunterLab color 59.4312, 78.4093, -43.4734 looks on a white background.

Color Contrast Check

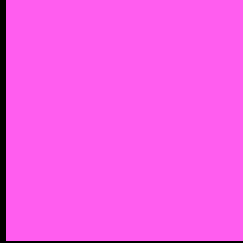
Large Text (above 18pt) WCAG AA × Fail

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 59.4312, 78.4093, -43.4734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

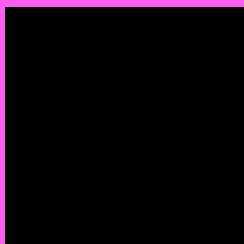
Any Text WCAG AA ✓ Pass

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 59.4312, 78.4093, -43.4734 Background



This preview shows how black text looks on a background with the HunterLab color 59.4312, 78.4093, -43.4734.



This preview shows how white text looks on a background with the HunterLab color 59.4312, 78.4093, -43.4734.

-43.4734.

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

59.4312, 78.4093, -43.4734

Protanopia

59.8425, 9.5265, -56.6927

Deuteranopia

59.6227, 4.6160, -36.1693



Tritanopia

59.2756, 41.8207, 15.4224

Trichromacy



Original Color

59.4312, 78.4093, -43.4734



Protanomaly

56.9524, 32.6011, -57.6365



Deuteranomaly

57.2170, 30.3358, -43.3220



Tritanomaly

58.7577, 53.9709, -1.7260

Monochromacy



Original Color

59.4312, 78.4093, -43.4734



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

56.5469, 25.6906, -14.0007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.4312, 78.4093, -43.4734 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, 93, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 239)  
}
```

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, 93, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 59.4312, 78.4093, -43.4734 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, 93, 239) }
```


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

```
.border{ border-color:rgb(255, 93, 239) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.4312, 78.4093, -43.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 239) }
```

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

```
.background{ background-color: rgb(255, 93,  
239) }
```

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