

Converting Colors

Hex(9347EB)

Have a look what the booklet for
Hex(9347EB) contains.

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Color

Hex(9347EB)

Conversions

Conversions Part 1

Format	Color
Hex	9347EB
RGB	147, 71, 235
RGB Percent	58%, 28%, 92%
CMY	0.4235, 0.7216, 0.0784
CMYK	0.37, 0.70, 0.00, 0.08
HSL	268°, 80%, 60%
HSV	268°, 70%, 92%
XYZ	29.2813, 16.7077, 80.2789
YIQ	112.4200, -7.3480, 67.1160

Conversions

Conversions Part 2

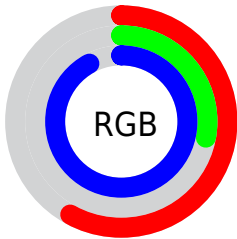
Format	Color
RYB	147, 71, 235
Decimal	9652203
CIELab	47.89, 62.31, -70.53
CIELCh	48, 94.106, 311.459
Yxy	16.7077, 0.2319, 0.1323
Android (android.graphics.Color)	4287842283 (0xFF9347EB)
YUV	112.4200, 60.4319, 30.3267
Hunter-Lab	40.8750, 56.3391, -87.8335

Details

The Hex color **9347EB** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **9FEB47**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CE7DFF**, and **5807B2** is the 20% darker color. If you saturate the color by 10%, you get **8630EB**, and if you desaturate by 10%, it is **A05EEB**.

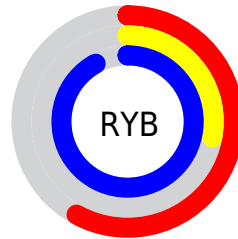
Distribution



Red (58%)

Green (28%)

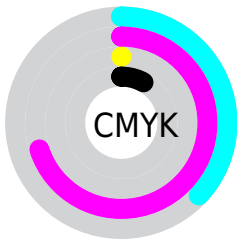
Blue (92%)



Red (58%)

Yellow (28%)

Blue (92%)

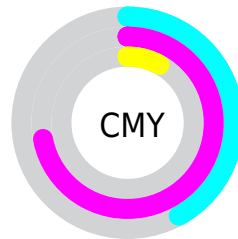


Cyan (37%)

Magenta (70%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (72%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9347EB 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 Hex color 9347EB by changing the saturation by 10% instead.

 9347EB

 9347EB

FFFFFF

 762BCE

 CE7DFF

 5807B2

 EC98FF

 380097

 FFB4FF

 0B007C

 FFD1FF

 000062

 FFEEFF

 000149

 000431

 00011B

 000000

 9347EB

 9347EB

 8630EB

 A05EEB

 7A18EB

 AC76EB

 6D00EB

 B98DEB

 C5A5EB

 D2BCEB

 DFD4EB

 EBCEEB

 F8FFEB

 FFFFEB

Harmonies

Analogous

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



0073FF



9347EB



E100A6

Triad

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



9347EB



B25B00



00908F

Complementary

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



9347EB



9FEB47

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.



008E3A



9347EB



6F7800

Square

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



9347EB



E11800



008700



0090DB

Rectangle

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



9347EB



F40072



008700



009074

Sweetspot

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



9347EB



E2C9FF



47A1EB



6E6080



000000



808080

Same Dimension

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



9347EB



8C29FF



E347EB



6F6A75



5400B5



190036

Inverse Universe

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



EB479F



FF299C



4FEB47



756A70



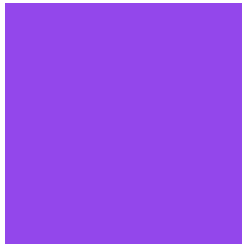
B50061



36001D

Previews

White Background



This preview shows how the Hex color 9347EB looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

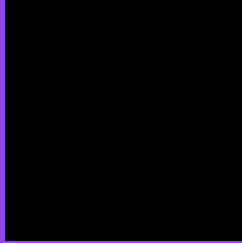
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9347EB Background



This preview shows how black text looks on a background with the Hex color 9347EB.

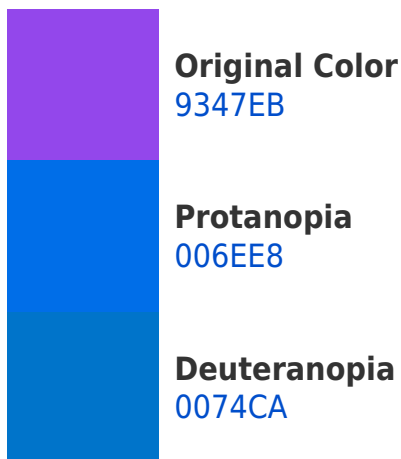



This preview shows how white text looks on a background with the Hex color 9347EB.

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





Tritanopia
7B6E76

Trichromacy



Original Color
9347EB



Protanomaly
3560E9



Deuteranomaly
3564D6



Tritanomaly
8460A1

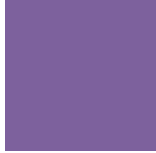
Monochromacy



Original Color
9347EB



Achromatopsia
707070



Achromatomaly
7D619D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9347EB 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 #9347EB looks like.

```
.text, #text, p{  
  color:#9347EB  
}
```

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 #9347EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9347EB
}
```

Border

The CSS property to change the border of an element to Hex 9347EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

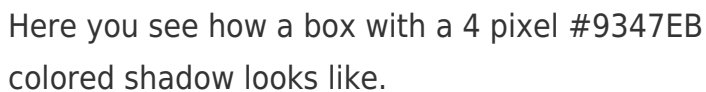
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9347EB }
```

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

```
.border{ border-color:#9347EB }
```

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



Here you see how a box with a 4 pixel #9347EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9347EB; -webkit-box-shadow:4px 4px  
4px 4px #9347EB; box-shadow:4px 4px 4px  
4px #9347EB }
```

Background

The CSS property to change the background color of an element to Hex 9347EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9347EB }
```

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

```
.background{ background-color:#9347EB }
```

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](#).

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