

Converting Colors

Hex(82347F)

Have a look what the booklet for
Hex(82347F) contains.

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Color

Hex(82347F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 82347F |
| RGB | 130, 52, 127 |
| RGB Percent | 51%, 20%, 50% |
| CMY | 0.4902, 0.7961, 0.5020 |
| CMYK | 0.00, 0.60, 0.02, 0.49 |
| HSL | 302°, 43%, 36% |
| HSV | 302°, 60%, 51% |
| XYZ | 14.2647, 8.7341, 21.0127 |
| YIQ | 83.8720, 22.4130, 39.8610 |

Conversions

Conversions Part 2

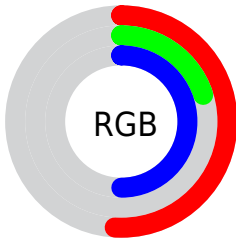
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 130, 52, 127 |
| Decimal | 8533119 |
| CIE _{Lab} | 35.47, 43.87, -26.84 |
| CIE _{LCh} | 35, 51.430, 328.542 |
| Yxy | 8.7341, 0.3241, 0.1985 |
| Android (android.graphics.Color) | 4286723199 (0xFF82347F) |
| YUV | 83.8720, 21.2621, 40.4543 |
| Hunter-Lab | 29.5535, 34.4383, -21.4680 |

Details

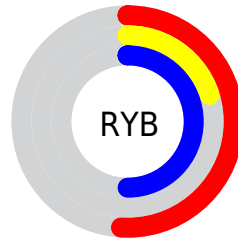
The Hex color **82347F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **348237**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B967B4**, and **4E004D** is the 20% darker color. If you saturate the color by 10%, you get **82277F**, and if you desaturate by 10%, it is **824180**.

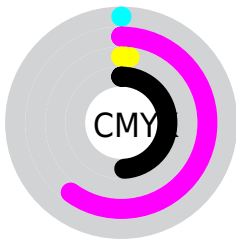
Distribution



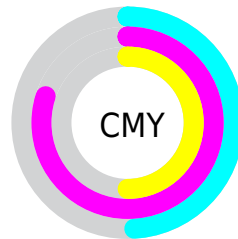
- Red (51%)
- Green (20%)
- Blue (50%)



- Red (51%)
- Yellow (20%)
- Blue (50%)



- Cyan (0%)
- Magenta (60%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82347F 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 82347F by changing the saturation by 10% instead.

 82347F

 82347F

FFFFFF

 681966

 B967B4

 4E004D

 D582D0

 350036

 F39DEC

 1D0021

 FFB8FF

 000004

 FFD4FF

 000000

 FFF1FF

 82347F

 82347F

 82277F

 824180

821A7E

824E80

820D7E

825B81

82007D

826881

827582

828282

828F83

829C83

82A984

Harmonies

Analogous

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



4C499C



82347F



992457

Triad

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



82347F



675100



00657A

Complementary

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



82347F



348237

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.



006550



82347F



3F5C00

Square

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



82347F



864006



006325



006299

Rectangle

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



82347F



9B273C



006325



00666C

Sweetspot

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



82347F



A88AA7



373482



544253



D4D4D4



545454

Same Dimension

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



82347F



A82FA4



823458



403940



80007B



000000

Inverse Universe

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



82347F



A82FA4



34825E



403940



80007B



000000

Previews

White Background



This preview shows how the Hex color 82347F looks on a white background.

Color Contrast Check

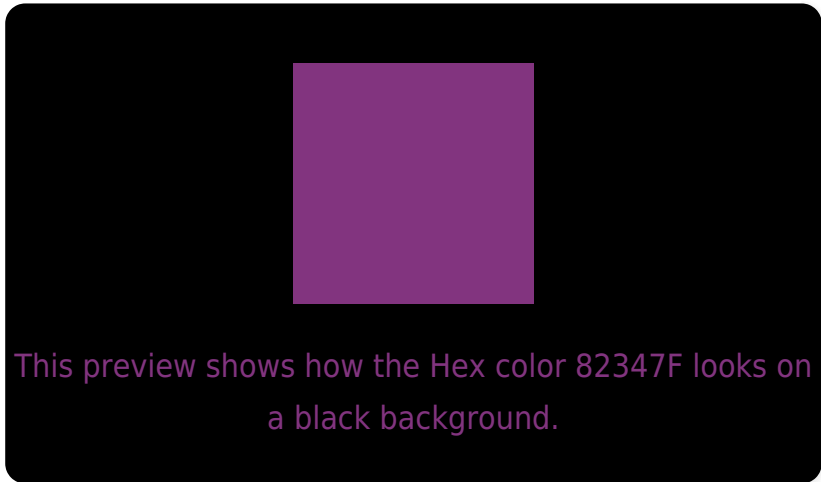
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

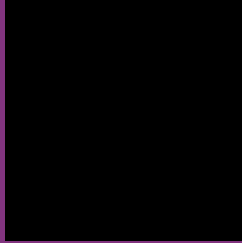
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 82347F Background



This preview shows how black text looks on a background with the Hex color 82347F.

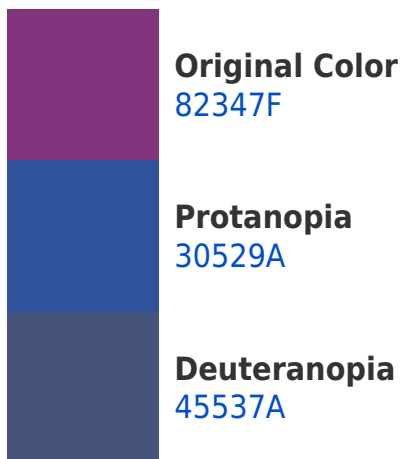



This preview shows how white text looks on a background with the Hex color 82347F.

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
7C4348

Trichromacy



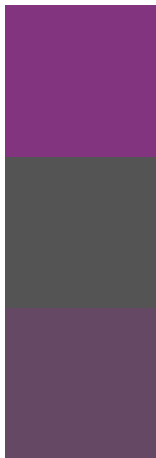
Original Color
82347F

Protanomaly
4E4790

Deuteranomaly
5B487C

Tritanomaly
7E3E5C

Monochromacy



Original Color
82347F

Achromatopsia
545454

Achromatomaly
654864

CSS Examples

Text

The CSS property to change the color of the text to Hex 82347F 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 #82347F looks like.

```
.text, #text, p{  
    color:#82347F  
}
```

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 #82347F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82347F
}
```

Border

The CSS property to change the border of an element to Hex 82347F is called "border". The border property can be set on classes, ids or directly on the HTML element.

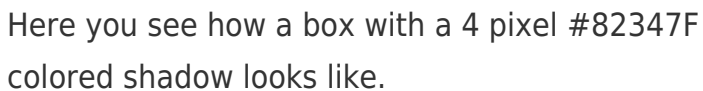
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82347F }
```

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

```
.border{ border-color:#82347F }
```

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



Here you see how a box with a 4 pixel #82347F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82347F; -webkit-box-shadow:4px 4px  
4px 4px #82347F; box-shadow:4px 4px 4px  
4px #82347F }
```

Background

The CSS property to change the background color of an element to Hex 82347F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82347F }
```

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

```
.background{ background-color:#82347F }
```

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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