

Converting Colors

Hex(E950AF)

Have a look what the booklet for
Hex(E950AF) contains.

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Color

Hex(E950AF)

Conversions

Conversions Part 1

Format	Color
Hex	E950AF
RGB	233, 80, 175
RGB Percent	91%, 31%, 69%
CMY	0.0863, 0.6863, 0.3137
CMYK	0.00, 0.66, 0.25, 0.09
HSL	323°, 78%, 61%
HSV	323°, 66%, 91%
XYZ	44.2108, 26.1561, 43.2759
YIQ	136.5770, 60.6930, 61.9810

Conversions

Conversions Part 2

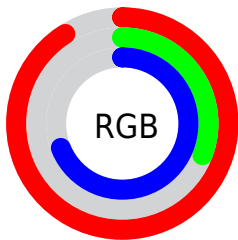
Format	Color
R _Y B	233, 80, 175
Decimal	15290543
CIE Lab	58.18, 67.64, -19.14
CIE LCh	58, 70.300, 344.199
Yxy	26.1561, 0.3890, 0.2302
Android (android.graphics.Color)	4293480623 (0xFFE950AF)
YUV	136.5770, 18.9425, 84.5630
Hunter-Lab	51.1430, 64.8047, -14.3695

Details

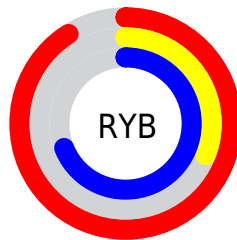
The Hex color **E950AF** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **50E98A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8AE7**, and **AD007A** is the 20% darker color. If you saturate the color by 10%, you get **E939A6**, and if you desaturate by 10%, it is **E967B8**.

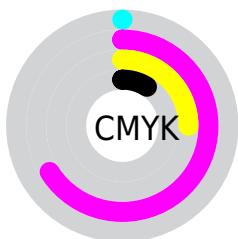
Distribution



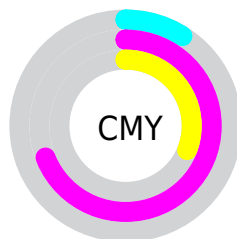
- Red (91%)
- Green (31%)
- Blue (69%)



- Red (91%)
- Yellow (31%)
- Blue (69%)



- Cyan (0%)
- Magenta (66%)
- Yellow (25%)
- Black (9%)



- Cyan (9%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E950AF 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 E950AF by changing the saturation by 10% instead.

 E950AF

 E950AF

FFFFFF

 CB3094

 FF8AE7

 AD007A

 FFA7FF

 900061

 FFC4FF

 740049

 FFE2FF

 570033

 3D001E

 1E0001

 000000

 E950AF

 E950AF

 E939A6

 E967B8

 E9219D

 E97FC1

 E90A95

 E996C9

 E90091

 E9ADD2

 E9C5DB

 E9DCE4

 E9F3ED

 E9FFF6

 E9FFFE

Harmonies

Analogous

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



B36DE5



E950AF



F94A71

Triad

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



E950AF



8D9200



00A5E1

Complementary

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



E950AF



50E98A

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.



00A8A8



E950AF



439F29

Square

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



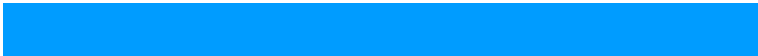
E950AF



C27D00



00A668



009CFF

Rectangle

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



E950AF



F1584A



00A668



00A7D0

Sweetspot

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



E950AF



FFCCEC



8850E9



806174



000000



808080

Same Dimension

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



E950AF



FF36B3



E95064



756A71



B50070



360021

Inverse Universe

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



E950AF



FF36B3



50E9D5



756A71



B50070



360021

Previews

White Background



This preview shows how the Hex color E950AF looks on a white 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

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 × Fail

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

Hex E950AF Background



This preview shows how black text looks on a background with the Hex color E950AF.

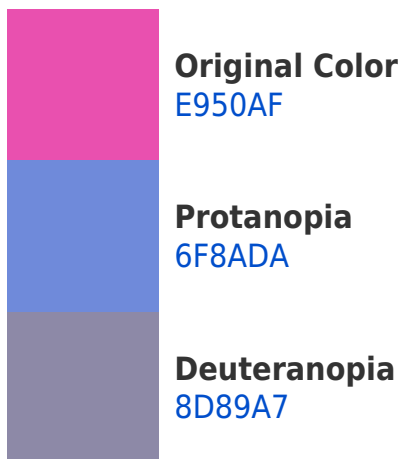


This preview shows how white text looks on a background with the Hex color E950AF.

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](#).

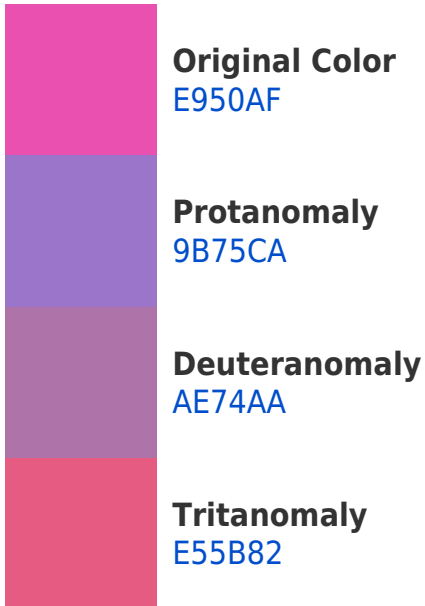
Dichromacy



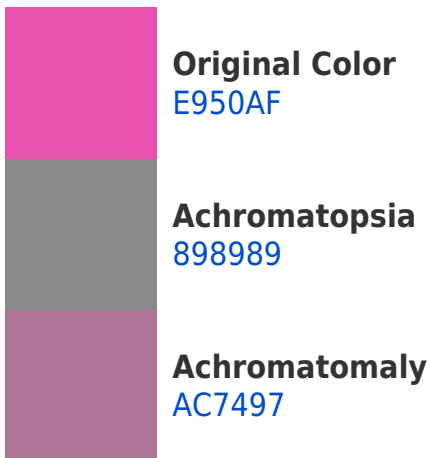


Tritanopia
E36269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E950AF 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 #E950AF looks like.

```
.text, #text, p{  
    color:#E950AF  
}
```

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 #E950AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E950AF
}
```

Border

The CSS property to change the border of an element to Hex E950AF 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
#E950AF }
```

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

```
.border{ border-color:#E950AF }
```

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

Here you see how a box with a 4 pixel #E950AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E950AF; -webkit-box-shadow:4px 4px  
4px 4px #E950AF; box-shadow:4px 4px 4px  
4px #E950AF }
```

Background

The CSS property to change the background color of an element to Hex E950AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E950AF }
```

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

```
.background{ background-color:#E950AF }
```

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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