

Converting Colors

Hex(E950C2)

Have a look what the booklet for
Hex(E950C2) contains.

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Color

Hex(E950C2)

Conversions

Conversions Part 1

Format	Color
Hex	E950C2
RGB	233, 80, 194
RGB Percent	91%, 31%, 76%
CMY	0.0863, 0.6863, 0.2392
CMYK	0.00, 0.66, 0.17, 0.09
HSL	315°, 78%, 61%
HSV	315°, 66%, 91%
XYZ	46.2105, 26.9560, 53.8064
YIQ	138.7430, 54.5940, 67.8900

Conversions

Conversions Part 2

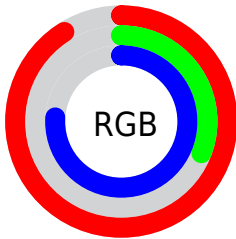
Format	Color
R _Y B	233, 80, 194
Decimal	15290562
CIE _{Lab}	58.93, 70.17, -28.92
CIE _{LCh}	59, 75.899, 337.599
Yxy	26.9560, 0.3639, 0.2123
Android (android.graphics.Color)	4293480642 (0xFFE950C2)
YUV	138.7430, 27.2417, 82.6634
Hunter-Lab	51.9192, 68.0150, -25.1017

Details

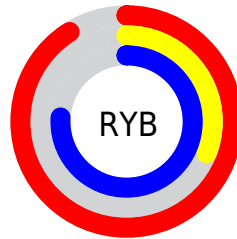
The Hex color **E950C2** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **50E977**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8BFB**, and **AE008C** is the 20% darker color. If you saturate the color by 10%, you get **E939BC**, and if you desaturate by 10%, it is **E967C8**.

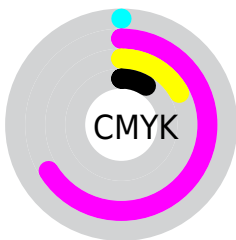
Distribution



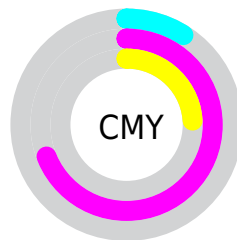
- Red (91%)
- Green (31%)
- Blue (76%)



- Red (91%)
- Yellow (31%)
- Blue (76%)



- Cyan (0%)
- Magenta (66%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color E950C2 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 E950C2 by changing the saturation by 10% instead.

 E950C2

 E950C2

FFFFFF

 CB2FA7

 FF8BFB

 AE008C

 FFA8FF

 910072

 FFC5FF

 740059

 FFE3FF

 580042

 3E002B

 200015

 000000

 E950C2

 E950C2

 E939BC

 E967C8

 E921B6

 E97FCE

 E90AB0

 E996D4

 E900AE

 E9ADDA

 E9C5E0

 E9DCE6

 E9F3EC

 E9FFF2

 E9FFF7

Harmonies

Analogous

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



A373F8



E950C2



FF3F80

Triad

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



E950C2



9C9000



00AADE

Complementary

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



E950C2



50E977

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.



00AB9E



E950C2



52A004

Square

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



E950C2



D27700



00A858



00A2FF

Rectangle

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



E950C2



FE4C55



00A858



00ABCA

Sweetspot

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



E950C2



FFCCF2



7650E9



806178



000000



808080

Same Dimension

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



E950C2



FF36CC



E95076



756A72



B50087



360028

Inverse Universe

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



E950C2



FF36CC



50E9C3



756A72



B50087



360028

Previews

White Background



This preview shows how the Hex color E950C2 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 E950C2 Background



This preview shows how black text looks on a background with the Hex color E950C2.



This preview shows how white text looks on a background with the Hex color E950C2.

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
E1676E

Trichromacy



Original Color
E950C2



Protanomaly
9376E1



Deuteranomaly
A976BC



Tritanomaly
E45F8D

Monochromacy



Original Color
E950C2



Achromatopsia
8B8B8B



Achromatomaly
AD769F

CSS Examples

Text

The CSS property to change the color of the text to Hex E950C2 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 #E950C2 looks like.

```
.text, #text, p{  
    color:#E950C2  
}
```

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 #E950C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E950C2
}
```

Border

The CSS property to change the border of an element to Hex E950C2 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
#E950C2 }
```

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

```
.border{ border-color:#E950C2 }
```

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

Here you see how a box with a 4 pixel #E950C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E950C2; -webkit-box-shadow:4px 4px  
4px 4px #E950C2; box-shadow:4px 4px 4px  
4px #E950C2 }
```

Background

The CSS property to change the background color of an element to Hex E950C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E950C2 }
```

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

```
.background{ background-color:#E950C2 }
```

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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