

# Converting Colors

Hex(E949C9)

Have a look what the booklet for  
Hex(E949C9) contains.

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# Color

Hex(E949C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	E949C9
RGB	233, 73, 201
RGB Percent	91%, 29%, 79%
CMY	0.0863, 0.7137, 0.2118
CMYK	0.00, 0.69, 0.14, 0.09
HSL	312°, 78%, 60%
HSV	312°, 69%, 91%
XYZ	46.5294, 26.3058, 57.8835
YIQ	135.4320, 54.2720, 73.7280

# Conversions

## Conversions Part 2

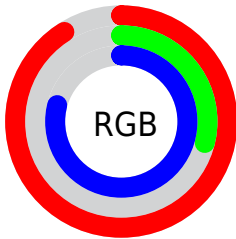
Format	Color
<a href="#">RYB</a>	<a href="#">233, 73, 201</a>
Decimal	<a href="#">15288777</a>
CIELab	<a href="#">58.33, 73.69, -33.87</a>
CIELCh	<a href="#">58, 81.103, 335.317</a>
Yxy	<a href="#">26.3058, 0.3560, 0.2012</a>
Android (android.graphics.Color)	<a href="#">4293478857</a> ( <a href="#">0xFFE949C9</a> )
YUV	<a href="#">135.4320, 32.3250, 85.5671</a>
Hunter-Lab	<a href="#">51.2892, 72.1789, -31.0106</a>

# Details

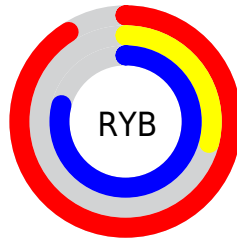
The Hex color **E949C9** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **49E969**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF85FF**, and **AD0093** is the 20% darker color. If you saturate the color by 10%, you get **E932C4**, and if you desaturate by 10%, it is **E960CE**.

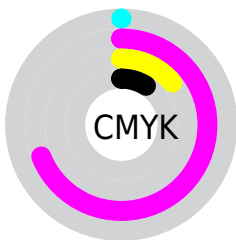
# Distribution



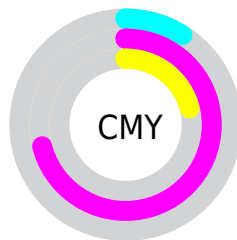
- Red (91%)
- Green (29%)
- Blue (79%)



- Red (91%)
- Yellow (29%)
- Blue (79%)



- Cyan (0%)
- Magenta (69%)
- Yellow (14%)
- Black (9%)



- Cyan (9%)
- Magenta (71%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E949C9 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 E949C9 by changing the saturation by 10% instead.



 E949C9

 E949C9

FFFFFF

 CB25AD

 FF85FF

 AD0093

 FFA2FF

 900078

 FFC0FF

 74005F

 FFDEFF

 580047

 FFFCFF

 3E0030

 1F001A

 000000

 E949C9

 E949C9

 E932C4

 E960CE

 E91AC0

 E978D2

 E903BB

 E98FD7

 E900BA

 E9A6DC

 E9BEE0

 E9D5E5

 E9ECEA

 E9FFEE

 E9FFF3

# Harmonies

## Analogous

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



9973FF



E949C9



FF2E83

# Triad

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



E949C9



9E8E00



00AADD

# Complementary

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



E949C9



49E969

# 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.



00AB97



E949C9



529E00

# Square

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



E949C9



D77200



00A74D



00A3FF

# Rectangle

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



E949C9



FF3E54



00A74D



00ABC7



# Sweetspot

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



E949C9



FFC9F4



6949E9



806079



000000



808080



# Same Dimension

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



E949C9



FF2ED5



E94979



756A73



B50091



36002B



# Inverse Universe

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



E949C9



FF2ED5



49E9B9



756A73



B50091

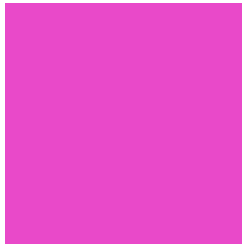


36002B



# Previews

## White Background



This preview shows how the Hex color E949C9 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 E949C9 Background



This preview shows how black text looks on a background with the Hex color E949C9.



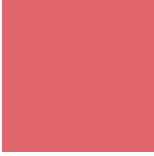
This preview shows how white text looks on a background with the Hex color E949C9.

# 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



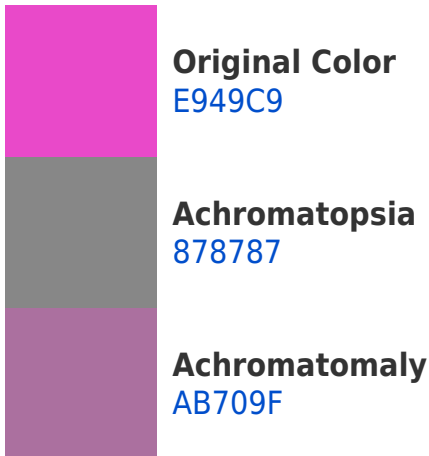


**Tritanopia**  
E0656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E949C9 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 #E949C9 looks like.

```
.text, #text, p{  
    color:#E949C9  
}
```

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 #E949C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E949C9
}
```

## Border

The CSS property to change the border of an element to Hex E949C9 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
#E949C9 }
```

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

```
.border{ border-color:#E949C9 }
```

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

Here you see how a box with a 4 pixel #E949C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E949C9; -webkit-box-shadow:4px 4px  
4px 4px #E949C9; box-shadow:4px 4px 4px  
4px #E949C9 }
```

# Background

The CSS property to change the background color of an element to Hex E949C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E949C9 }
```

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

```
.background{ background-color:#E949C9 }
```

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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