

# Converting Colors

Hex(EC29C3)

Have a look what the booklet for  
Hex(EC29C3) contains.

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# Color

Hex(**EC29C3**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EC29C3
RGB	236, 41, 195
RGB Percent	93%, 16%, 76%
CMY	0.0745, 0.8392, 0.2353
CMYK	0.00, 0.83, 0.17, 0.07
HSL	313°, 84%, 54%
HSV	313°, 83%, 93%
XYZ	45.2353, 23.3589, 53.7543
YIQ	116.8610, 66.7860, 89.2340

# Conversions

## Conversions Part 2

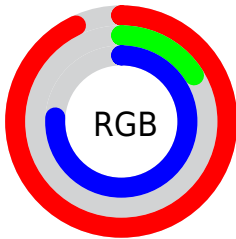
Format	Color
R <sub>Y</sub> B	236, 41, 195
Decimal	15477187
CIE <sub>Lab</sub>	55.44, 82.44, -34.90
CIE <sub>LCh</sub>	55, 89.526, 337.058
Yxy	23.3589, 0.3697, 0.1909
Android (android.graphics.Color)	4293667267 (0xFFEC29C3)
YUV	116.8610, 38.5225, 104.4849
Hunter-Lab	48.3310, 82.4875, -32.1113

# Details

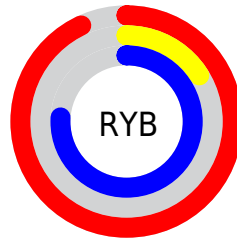
The Hex color **EC29C3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **29EC52**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF70FC**, and **AF008D** is the 20% darker color. If you saturate the color by 10%, you get **EC11BE**, and if you desaturate by 10%, it is **EC41C8**.

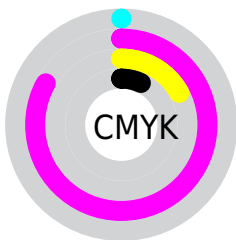
# Distribution



- Red (93%)
- Green (16%)
- Blue (76%)



- Red (93%)
- Yellow (16%)
- Blue (76%)



- Cyan (0%)
- Magenta (83%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (84%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC29C3 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 EC29C3 by changing the saturation by 10% instead.



 EC29C3

 EC29C3

FFFFFF

 CE00A8

 FF70FC

 AF008D

 FF8EFF

 920073

 FFADFF

 75005A

 FFCBFF

 580042

 FFE9FF

 3C002B

 1D0015

 000000

 EC29C3

 EC29C3

 EC11BE

 EC41C8

 EC00BA

 EC58CD

 EC70D2

 EC87D7

 EC9FDC

 ECB7E1

 ECCEE6

 ECE6EB

 ECFDF0

# Harmonies

## Analogous

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



9765FF



EC29C3



FF0076

# Triad

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



EC29C3



918800



00A4E2

# Complementary

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



EC29C3



29EC52

# 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.



00A596



EC29C3



359900

# Square

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



EC29C3



D06900



00A143



009DFF

# Rectangle

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



EC29C3



FF1D44



00A143



00A5CA



# Sweetspot

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



EC29C3



FFBFF2



5029EC



805977



000000



808080



# Same Dimension

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



EC29C3



FF03CA



EC2964



756A73



B5008F



36002A



# Inverse Universe

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



EC29C3



FF03CA



29ECB2



756A73



B5008F



36002A



# Previews

## White Background



This preview shows how the Hex color EC29C3 looks on a white background.

## Color Contrast Check

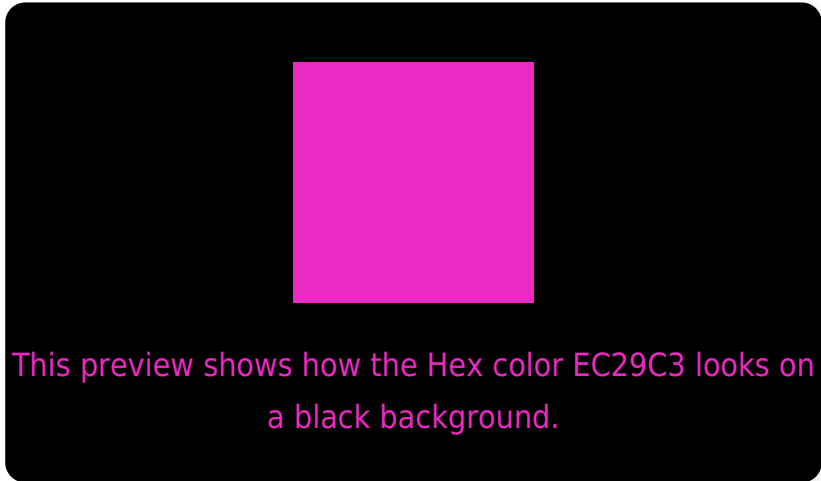
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC29C3 Background



This preview shows how black text looks on a background with the Hex color EC29C3.



This preview shows how white text looks on a background with the Hex color EC29C3.

# 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**  
E35459

# Trichromacy



**Original Color**  
EC29C3



**Protanomaly**  
7D61E9



**Deuteranomaly**  
A063BC



**Tritanomaly**  
E64480

# Monochromacy



**Original Color**  
EC29C3



**Achromatopsia**  
757575



**Achromatomaly**  
A05991

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC29C3 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 #EC29C3 looks like.

```
.text, #text, p{  
    color:#EC29C3  
}
```

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 #EC29C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC29C3
}
```

## Border

The CSS property to change the border of an element to Hex EC29C3 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
#EC29C3 }
```

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

```
.border{ border-color:#EC29C3 }
```

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

Here you see how a box with a 4 pixel #EC29C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC29C3; -webkit-box-shadow:4px 4px  
4px 4px #EC29C3; box-shadow:4px 4px 4px  
4px #EC29C3 }
```

# Background

The CSS property to change the background color of an element to Hex EC29C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC29C3 }
```

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

```
.background{ background-color:#EC29C3 }
```

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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