

# Converting Colors

Hex(E91AC0)

Have a look what the booklet for  
Hex(E91AC0) contains.

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# Color

Hex(E91AC0)

# Conversions

## Conversions Part 1

Format	Color
Hex	E91AC0
RGB	233, 26, 192
RGB Percent	91%, 10%, 75%
CMY	0.0863, 0.8980, 0.2471
CMYK	0.00, 0.89, 0.18, 0.09
HSL	312°, 82%, 51%
HSV	312°, 89%, 91%
XYZ	43.4881, 21.8682, 51.7981
YIQ	106.8170, 70.0860, 95.5100

# Conversions

## Conversions Part 2

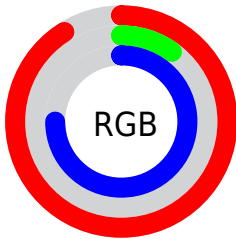
Format	Color
R <sub>Y</sub> B	233, 26, 192
Decimal	15276736
CIE Lab	53.89, 84.05, -35.63
CIE LCh	54, 91.289, 337.024
Yxy	21.8682, 0.3712, 0.1867
Android (android.graphics.Color)	4293466816 (0xFFE91AC0)
YUV	106.8170, 41.9952, 110.6625
Hunter-Lab	46.7634, 84.1617, -32.9389

# Details

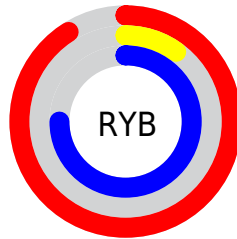
The Hex color **E91AC0** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **1AE943**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF68F9**, and **AC008A** is the 20% darker color. If you saturate the color by 10%, you get **E903BB**, and if you desaturate by 10%, it is **E931C5**.

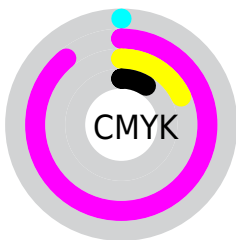
# Distribution



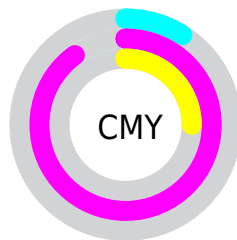
- Red (91%)
- Green (10%)
- Blue (75%)



- Red (91%)
- Yellow (10%)
- Blue (75%)



- Cyan (0%)
- Magenta (89%)
- Yellow (18%)
- Black (9%)



- Cyan (9%)
- Magenta (90%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E91AC0 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 E91AC0 by changing the saturation by 10% instead.



 E91AC0

 E91AC0

FFFFFF

 CB00A5

 FF68F9

 AC008A

 FF88FF

 8F0070

 FFA6FF

 710057

 FFC4FF

 55003F

 FFE3FF

 380029

 170012

 000000

 E91AC0

 E91AC0

 E903BB

 E931C5

 E900BB

 E949C9

 E960CE

 E977D2

 E98ED7

 E9A6DC

 E9BDE0

 E9D4E5

 E9ECEA

# Harmonies

## Analogous

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



9260FF



E91AC0



FF0072

# Triad

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



E91AC0



8D8400



00A0DF

# Complementary

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



E91AC0



1AE943

# 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.



00A192



E91AC0



2B9500

# Square

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



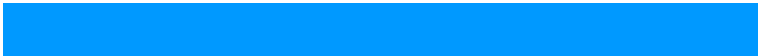
E91AC0



CC6500



009D3E



0099FF

# Rectangle

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



E91AC0



FF023F



009D3E



00A1C7



# Sweetspot

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



E91AC0



FFBAF1



401AE9



805777



000000



808080



# Same Dimension

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



E91AC0



FF00CC



E91A5C



756A73



B50091



36002B



# Inverse Universe

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



E91AC0



FF00CC



1AE9A7



756A73



B50091



36002B



# Previews

## White Background



This preview shows how the Hex color E91AC0 looks on a white background.

## Color Contrast Check

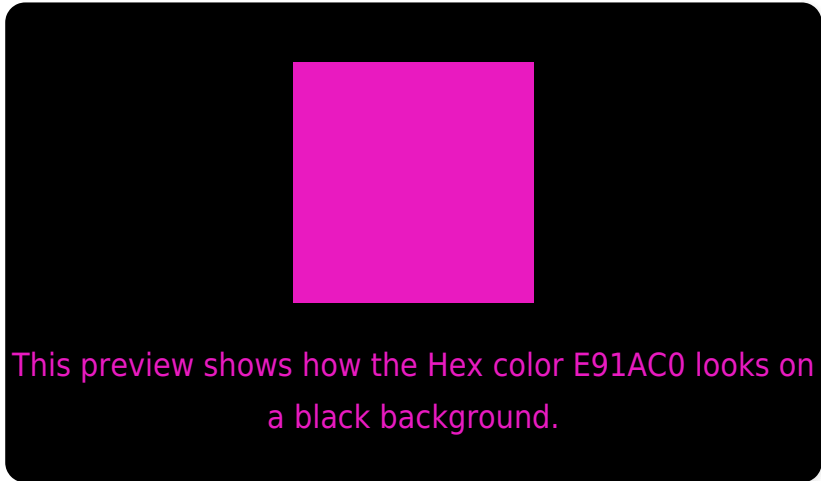
Large Text (above 18pt) WCAG AA ✓ Pass

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 E91AC0 Background



This preview shows how black text looks on a background with the Hex color E91AC0.




This preview shows how white text looks on a background with the Hex color E91AC0.

# 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**  
E04E53

# Trichromacy



**Original Color**  
E91AC0



**Protanomaly**  
7359E8



**Deuteranomaly**  
9C5BB8



**Tritanomaly**  
E33B7B

# Monochromacy



**Original Color**  
E91AC0



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
994E8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E91AC0 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 #E91AC0 looks like.

```
.text, #text, p{  
    color:#E91AC0  
}
```

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 #E91AC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E91AC0  
}
```

## Border

The CSS property to change the border of an element to Hex E91AC0 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  
#E91AC0 }
```

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

```
.border{ border-color:#E91AC0 }
```

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

Here you see how a box with a 4 pixel #E91AC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E91AC0; -webkit-box-shadow:4px 4px  
4px 4px #E91AC0; box-shadow:4px 4px 4px  
4px #E91AC0 }
```

# Background

The CSS property to change the background color of an element to Hex E91AC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E91AC0 }
```

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

```
.background{ background-color:#E91AC0 }
```

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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