

Converting Colors

Hex(ED229A)

Have a look what the booklet for
Hex(ED229A) contains.

Hex(ED229A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ED229A)

Conversions

Conversions Part 1

Format	Color
Hex	ED229A
RGB	237, 34, 154
RGB Percent	93%, 13%, 60%
CMY	0.0706, 0.8667, 0.3961
CMYK	0.00, 0.86, 0.35, 0.07
HSL	325°, 85%, 53%
HSV	325°, 86%, 93%
XYZ	41.3298, 21.4817, 32.5399
YIQ	108.3770, 82.4680, 80.3560

Conversions

Conversions Part 2

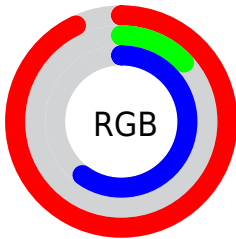
Format	Color
R_{YB}	237, 34, 154
Decimal	15540890
CIE _{Lab}	53.47, 79.35, -13.94
CIE _{LCh}	53, 80.565, 350.040
Yxy	21.4817, 0.4334, 0.2253
Android (android.graphics.Color)	4293730970 (0xFFED229A)
YUV	108.3770, 22.4921, 112.8024
Hunter-Lab	46.3483, 78.0628, -9.1821

Details

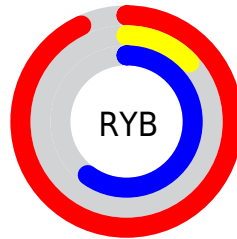
The Hex color **ED229A** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **22ED75**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6BD0**, and **B00067** is the 20% darker color. If you saturate the color by 10%, you get **ED0A90**, and if you desaturate by 10%, it is **ED3AA4**.

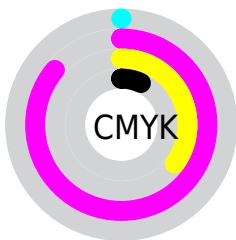
Distribution



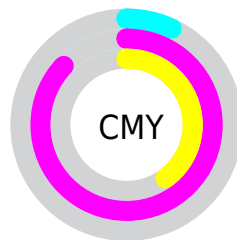
- Red (93%)
- Green (13%)
- Blue (60%)



- Red (93%)
- Yellow (13%)
- Blue (60%)



- Cyan (0%)
- Magenta (86%)
- Yellow (35%)
- Black (7%)



- Cyan (7%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED229A 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 ED229A by changing the saturation by 10% instead.

 ED229A

 ED229A

FFFFFF

 CE0080

 FF6BD0

 B00067

 FF8AED

 91004F

 FFA8FF

 730038

 FFC6FF

 560023

 FFE4FF

 3A0009

 130000

 000000

 ED229A

 ED229A

ED0A90

ED3AA4

ED008C

ED51AD

ED69B7

ED81C1

ED98CA

EDB0D4

EDC8DE

EDE0E8

EDF7F1

Harmonies

Analogous

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



BA52DA



ED229A



F62555

Triad

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



ED229A



6F8A00



009AEA

Complementary

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



ED229A



22ED75

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.



009DAE



ED229A



009614

Square

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



ED229A



AE7500



009C65



008FFF

Rectangle

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



ED229A



E84428



009C65



009CD8

Sweetspot

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



ED229A



FFBDE4



7322ED



80586F



000000



808080

Same Dimension

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



ED229A



FF0097



ED2236



756A71



B5006B



360020

Inverse Universe

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



ED229A



FF0097



22EDD9



756A71



B5006B



360020

Previews

White Background



This preview shows how the Hex color ED229A 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 ED229A Background



This preview shows how black text looks on a background with the Hex color ED229A.




This preview shows how white text looks on a background with the Hex color ED229A.

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
E74346

Trichromacy



Original Color
ED229A



Protanomaly
915DC0



Deuteranomaly
AB5C94



Tritanomaly
E93765

Monochromacy



Original Color
ED229A



Achromatopsia
6C6C6C



Achromatomaly
9B517D

CSS Examples

Text

The CSS property to change the color of the text to Hex ED229A 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 #ED229A looks like.

```
.text, #text, p{  
    color:#ED229A  
}
```

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 #ED229A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED229A
}
```

Border

The CSS property to change the border of an element to Hex ED229A 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
#ED229A }
```

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

```
.border{ border-color:#ED229A }
```

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

Here you see how a box with a 4 pixel #ED229A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED229A; -webkit-box-shadow:4px 4px  
4px 4px #ED229A; box-shadow:4px 4px 4px  
4px #ED229A }
```

Background

The CSS property to change the background color of an element to Hex ED229A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED229A }
```

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

```
.background{ background-color:#ED229A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor