

# Converting Colors

Hex(EA2DEA)

Have a look what the booklet for  
Hex(EA2DEA) contains.

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# Color

Hex(EA2DEA)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA2DEA
RGB	234, 45, 234
RGB Percent	92%, 18%, 92%
CMY	0.0824, 0.8235, 0.0824
CMYK	0.00, 0.81, 0.00, 0.08
HSL	300°, 82%, 55%
HSV	300°, 81%, 92%
XYZ	49.7214, 25.3097, 80.1066
YIQ	123.0570, 51.9750, 98.8470

# Conversions

## Conversions Part 2

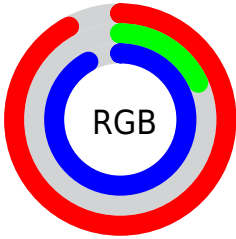
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 45, 234
Decimal	15347178
CIELab	57.38, 86.60, -54.04
CIElCh	57, 102.078, 328.035
Yxy	25.3097, 0.3205, 0.1631
Android (android.graphics.Color)	4293537258 (0xFFEA2DEA)
YUV	123.0570, 54.6949, 97.2970
Hunter-Lab	50.3088, 88.3755, -59.1912

# Details

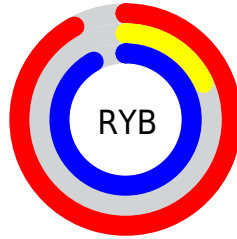
The Hex color **EA2DEA** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **2DEA2D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF73FF**, and **AE00B1** is the 20% darker color. If you saturate the color by 10%, you get **EA16EA**, and if you desaturate by 10%, it is **EA44EA**.

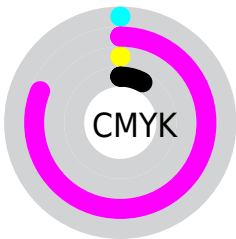
# Distribution



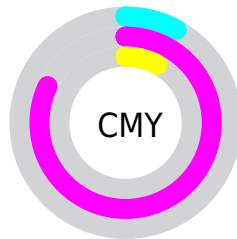
- Red (92%)
- Green (18%)
- Blue (92%)



- Red (92%)
- Yellow (18%)
- Blue (92%)



- Cyan (0%)
- Magenta (81%)
- Yellow (0%)
- Black (8%)



- Cyan (8%)
- Magenta (82%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA2DEA 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 EA2DEA by changing the saturation by 10% instead.



 EA2DEA

 EA2DEA

FFFFFF

 CC00CD

 FF73FF

 AE00B1

 FF92FF

 900096

 FFB0FF

 73007C

 FFCFFF

 560062

 FFEDFF

 3A0049

 1B0031

 00011B

 000000

 EA2DEA

 EA2DEA

 EA16EA

 EA44EA

 EA00EA

 EA5CEA

 EA73EA

 EA8BEA

 EAA2EA

 EAB9EA

 EAD1EA

 EAE8EA

 EAFFEA

# Harmonies

## Analogous

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



5E74FF



EA2DEA



FF0094

# Triad

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



EA2DEA



AD8500



00ADDC

# Complementary

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



EA2DEA



2DEA2D

# 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.



00AC81



EA2DEA



529C00

# Square

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



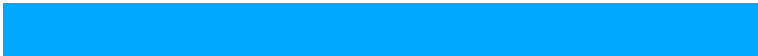
EA2DEA



EE5900



00A716



00A9FF

# Rectangle

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



EA2DEA



FF005A



00A716



00ADB F



# Sweetspot

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



EA2DEA



FFC2FF



2D2DEA



805B80



000000



808080



# Same Dimension

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



EA2DEA



FF08FF



EA2D8C



756A75



B500B5



360036



# Inverse Universe

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



EA2DEA



FF08FF



2DEA8C



756A75



B500B5



360036



# Previews

## White Background



This preview shows how the Hex color EA2DEA looks on a white background.

## Color Contrast Check

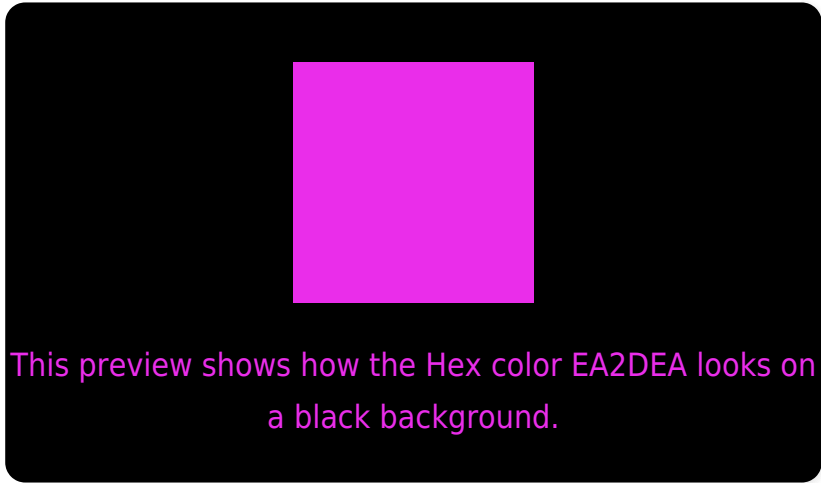
Large Text (above 18pt) WCAG AA ✓ Pass

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

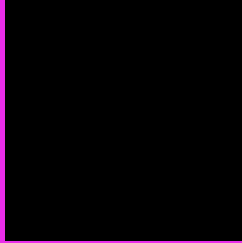
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EA2DEA Background



This preview shows how black text looks on a background with the Hex color EA2DEA.

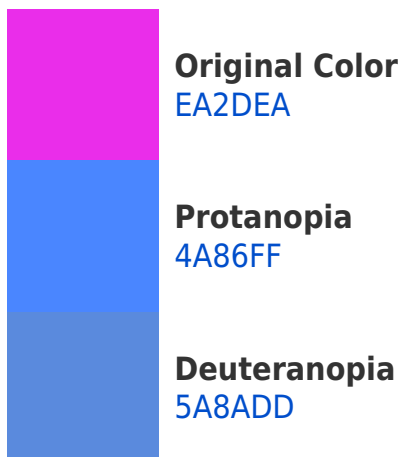


This preview shows how white text looks on a background with the Hex color EA2DEA.

# 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

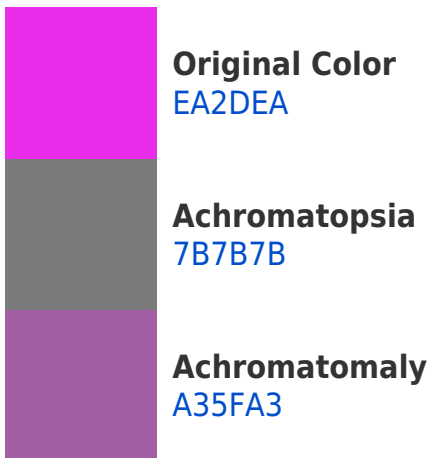




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA2DEA 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 #EA2DEA looks like.

```
.text, #text, p{  
    color:#EA2DEA  
}
```

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 #EA2DEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA2DEA
}
```

## Border

The CSS property to change the border of an element to Hex EA2DEA 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
#EA2DEA }
```

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

```
.border{ border-color:#EA2DEA }
```

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

Here you see how a box with a 4 pixel #EA2DEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA2DEA; -webkit-box-shadow:4px 4px  
4px 4px #EA2DEA; box-shadow:4px 4px 4px  
4px #EA2DEA }
```

# Background

The CSS property to change the background color of an element to Hex EA2DEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA2DEA }
```

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

```
.background{ background-color:#EA2DEA }
```

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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