

# Converting Colors

Hex(E52EA7)

Have a look what the booklet for  
Hex(E52EA7) contains.

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# Color

Hex(E52EA7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E52EA7
RGB	229, 46, 167
RGB Percent	90%, 18%, 65%
CMY	0.1020, 0.8196, 0.3451
CMYK	0.00, 0.80, 0.27, 0.10
HSL	320°, 78%, 54%
HSV	320°, 80%, 90%
XYZ	40.2651, 21.4020, 38.5680
YIQ	114.5110, 70.2270, 76.4270

# Conversions

## Conversions Part 2

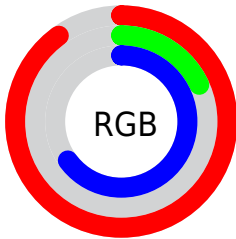
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 46, 167
Decimal	15019687
CIE <sub>Lab</sub>	53.39, 76.44, -21.88
CIE <sub>LCh</sub>	53, 79.509, 344.029
Yxy	21.4020, 0.4017, 0.2135
Android (android.graphics.Color)	4293209767 (0xFFE52EA7)
YUV	114.5110, 25.8771, 100.4069
Hunter-Lab	46.2623, 74.4012, -17.0453

# Details

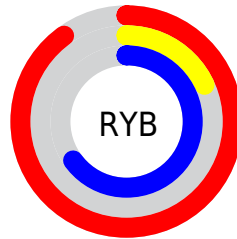
The Hex color **E52EA7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2EE56C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF71DE**, and **A90073** is the 20% darker color. If you saturate the color by 10%, you get **E5179F**, and if you desaturate by 10%, it is **E545AF**.

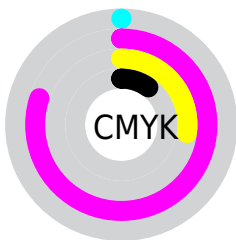
# Distribution



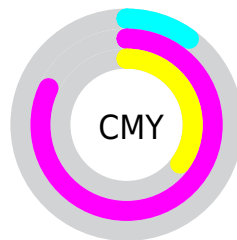
- Red (90%)
- Green (18%)
- Blue (65%)



- Red (90%)
- Yellow (18%)
- Blue (65%)



- Cyan (0%)
- Magenta (80%)
- Yellow (27%)
- Black (10%)



- Cyan (10%)
- Magenta (82%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E52EA7 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 E52EA7 by changing the saturation by 10% instead.



 E52EA7

 E52EA7

FFFFFF

 C7008C

 FF71DE

 A90073

 FF8FFB

 8B005A

 FFACFF

 6E0042

 FFCAFF

 52002C

 FFE8FF

 350017

 0C0000

 000000

 E52EA7

 E52EA7

 E5179F

 E545AF

 E50097

 E55CB7

 E573BE

 E58AC6

 E5A1CE

 E5B7D6

 E5CEDD

 E5E5E5

 E5FCED

# Harmonies

## Analogous

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



A85BE3



E52EA7



F52163

# Triad

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



E52EA7



7D8700



009BDE

# Complementary

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



E52EA7



2EE56C

# 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.



009D9F



E52EA7



1C9400

# Square

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



E52EA7



B86F00



009A57



0092FF

# Rectangle

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



E52EA7



EC3C37



009A57



009CCB



# Sweetspot

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



E52EA7



FFC2EA



6B2EE5



805B73



000000



808080



# Same Dimension

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



E52EA7



FF0AAC



E52E4D



73676F



B30076



330022



# Inverse Universe

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



E52EA7



FF0AAC



2EE5C6



73676F



B30076



330022



# Previews

## White Background



This preview shows how the Hex color E52EA7 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 E52EA7 Background



This preview shows how black text looks on a background with the Hex color E52EA7.



This preview shows how white text looks on a background with the Hex color E52EA7.

# Color Blindness Simulation

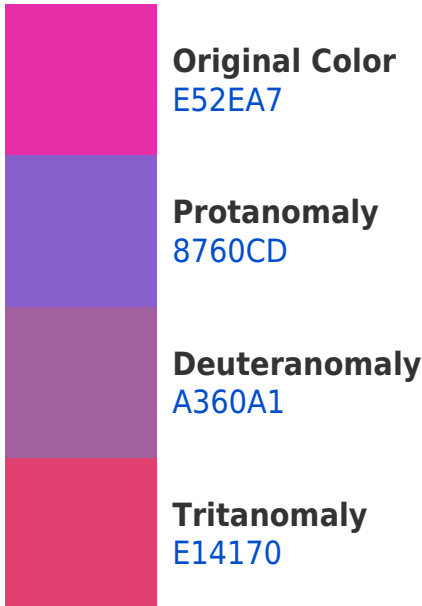
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

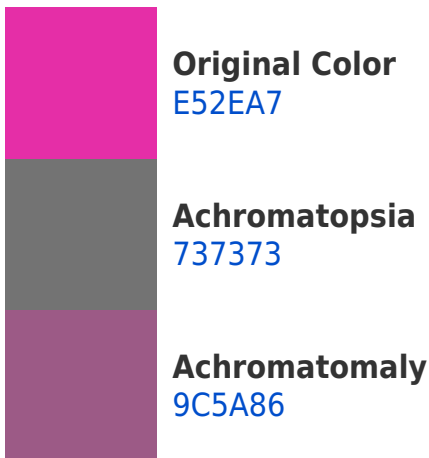




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E52EA7 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 #E52EA7 looks like.

```
.text, #text, p{  
    color:#E52EA7  
}
```

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 #E52EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E52EA7
}
```

## Border

The CSS property to change the border of an element to Hex E52EA7 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
#E52EA7 }
```

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

```
.border{ border-color:#E52EA7 }
```

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

Here you see how a box with a 4 pixel #E52EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E52EA7; -webkit-box-shadow:4px 4px  
4px 4px #E52EA7; box-shadow:4px 4px 4px  
4px #E52EA7 }
```

# Background

The CSS property to change the background color of an element to Hex E52EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E52EA7 }
```

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

```
.background{ background-color:#E52EA7 }
```

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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