

# Converting Colors

Hex(E58FD2)

Have a look what the booklet for  
Hex(E58FD2) contains.

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# Color

**Hex(E58FD2)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E58FD2
RGB	229, 143, 210
RGB Percent	90%, 56%, 82%
CMY	0.1020, 0.4392, 0.1765
CMYK	0.00, 0.38, 0.08, 0.10
HSL	313°, 62%, 73%
HSV	313°, 38%, 90%
XYZ	53.7684, 40.9561, 66.0442
YIQ	176.3520, 29.7490, 39.0690

# Conversions

## Conversions Part 2

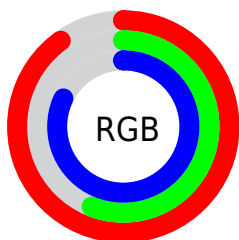
Format	Color
<a href="#">RYB</a>	<a href="#">229, 143, 210</a>
Decimal	<a href="#">15044562</a>
CIELab	<a href="#">70.15, 42.21, -20.77</a>
CIELCh	<a href="#">70, 47.043, 333.795</a>
Yxy	<a href="#">40.9561, 0.3344, 0.2548</a>
Android (android.graphics.Color)	<a href="#">4293234642</a> (0xFFE58FD2)
YUV	<a href="#">176.3520, 16.5885, 46.1723</a>
Hunter-Lab	<a href="#">63.9969, 37.9760, -16.3888</a>

# Details

The Hex color **E58FD2** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8FE5A2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC6FF**, and **AC5A9B** is the 20% darker color. If you saturate the color by 10%, you get **E578CD**, and if you desaturate by 10%, it is **E5A6D7**.

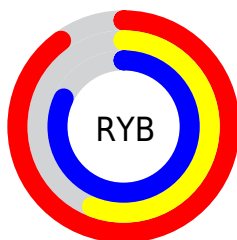
# Distribution



Red (90%)

Green (56%)

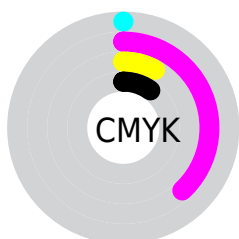
Blue (82%)



Red (90%)

Yellow (56%)

Blue (82%)

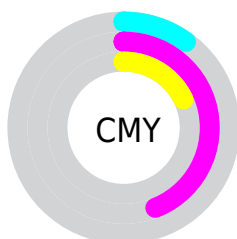


Cyan (0%)

Magenta (38%)

Yellow (8%)

Black (10%)



Cyan (10%)

Magenta (44%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E58FD2 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 E58FD2 by changing the saturation by 10% instead.



 E58FD2

FFFFFF

 FFC6FF

 FFE3FF

 E58FD2

 C874B6

 AC5A9B

 914181

 762768

 5C0950

 420039

 2D0023

 000009

 000000

 E58FD2

 E58FD2

 E578CD

 E5A6D7

 E561C8

 E5BDDC

 E54AC3

 E5D4E1

 E533BE

 E5EBE6

 E51DB9

 E5FFEB

 E506B4

 E5FFF0

 E500B2

 E5FFF5

 E5FFFA

 E5FFFF

# Harmonies

## Analogous

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



B69EF3



E58FD2



FB88A8

# Triad

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



E58FD2



C0AB54



00C0DA

# Complementary

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



E58FD2



8FE5A2

# 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.



00C2B0



E58FD2



94B762

# Square

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



E58FD2



E49C5F



5CBE84



00BAF7

# Rectangle

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



E58FD2



FC8B8B



5CBE84



00C1CD



# Sweetspot

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



E58FD2



FFE3F9



A28FE5



806F7C



000000



808080



# Same Dimension

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



E58FD2



FF8CE6



E58FA7



736770



B3008B



330028



# Inverse Universe

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



E58FD2



FF8CE6



8FE5CD



736770



B3008B

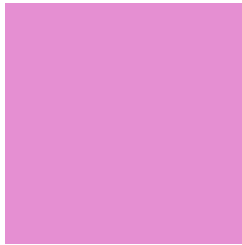


330028



# Previews

## White Background



This preview shows how the Hex color E58FD2 looks on a white background.

## Color Contrast Check

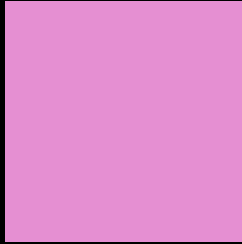
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E58FD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

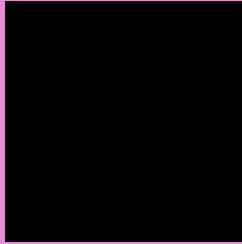
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E58FD2 Background



This preview shows how black text looks on a background with the Hex color E58FD2.



This preview shows how white text looks on a background with the Hex color E58FD2.

# 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



**Original Color**  
E58FD2



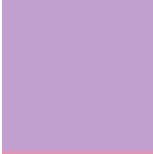

**Protanopia**  
9BAAE5

**Deuteranopia**  
ACA8CD



**Tritanopia**  
DF98A4

# Trichromacy

	<b>Original Color</b> E58FD2
	<b>Protanomaly</b> B6A0DE
	<b>Deuteranomaly</b> C19FCF
	<b>Tritanomaly</b> E195B5

# Monochromacy

	<b>Original Color</b> E58FD2
	<b>Achromatopsia</b> B0B0B0
	<b>Achromatomaly</b> C3A4BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E58FD2 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 #E58FD2 looks like.

```
.text, #text, p{  
    color:#E58FD2  
}
```

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 #E58FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E58FD2
}
```

## Border

The CSS property to change the border of an element to Hex E58FD2 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
#E58FD2 }
```

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

```
.border{ border-color:#E58FD2 }
```

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

Here you see how a box with a 4 pixel #E58FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E58FD2; -webkit-box-shadow:4px 4px  
4px 4px #E58FD2; box-shadow:4px 4px 4px  
4px #E58FD2 }
```

# Background

The CSS property to change the background color of an element to Hex E58FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E58FD2 }
```

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

```
.background{ background-color:#E58FD2 }
```

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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