

# Converting Colors

Hex(E85D91)

Have a look what the booklet for  
Hex(E85D91) contains.

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# **Color**

**Hex(E85D91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E85D91
RGB	232, 93, 145
RGB Percent	91%, 36%, 57%
CMY	0.0902, 0.6353, 0.4314
CMYK	0.00, 0.60, 0.38, 0.09
HSL	338°, 75%, 64%
HSV	338°, 60%, 91%
XYZ	42.3039, 27.0288, 29.7755
YIQ	140.4890, 66.1520, 45.6400

# Conversions

## Conversions Part 2

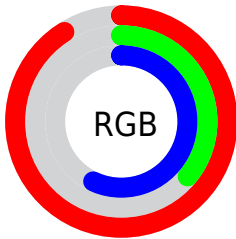
Format	Color
R <sub>Y</sub> B	232, 93, 145
Decimal	15228305
CIE Lab	59.00, 58.47, -0.50
CIE LCh	59, 58.476, 359.506
Yxy	27.0288, 0.4268, 0.2727
Android (android.graphics.Color)	4293418385 (0xFFE85D91)
YUV	140.4890, 2.2239, 80.2551
Hunter-Lab	51.9893, 54.2650, 2.4357

# Details

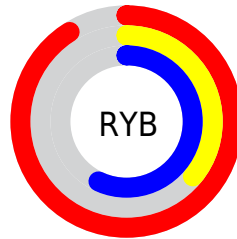
The Hex color **E85D91** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5DE8B4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF95C7**, and **AC205F** is the 20% darker color. If you saturate the color by 10%, you get **E84682**, and if you desaturate by 10%, it is **E874A0**.

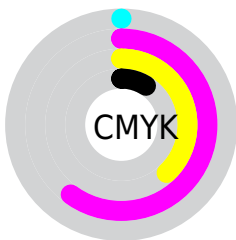
# Distribution



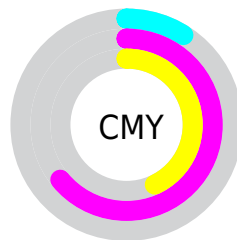
- Red (91%)
- Green (36%)
- Blue (57%)



- Red (91%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (60%)
- Yellow (38%)
- Black (9%)



- Cyan (9%)
- Magenta (64%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E85D91 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 E85D91 by changing the saturation by 10% instead.



 E85D91

 E85D91

FFFFFF

 CA4077

 FF95C7

 AC205F

 FFB1E3

 8F0047

 FFCEFF

 720031

 FFE8FF

 56001C

 3D0003

 170000

 000000

 E85D91

 E85D91

 E84682

 E874A0

 E82F74

 E88BAE

 E81765

 E8A3BD

 E80057

 E8BACB

 E8D1DA

 E8E8E8

 E8FFF7

 E8FFFF

# Harmonies

## Analogous

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



CB6AC3



E85D91



E8645E

# Triad

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



E85D91



769A2C



00A0E6

# Complementary

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



E85D91



5DE8B4

# 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.



00A6BF



E85D91



25A257

# Square

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



E85D91



A98B1A



00A68B



0094F5

# Rectangle

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



E85D91



DB7041



00A68B



00A3DB



# Sweetspot

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



E85D91



FFD1E2



B35DE8



80636E



000000



808080



# Same Dimension

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



E85D91



FF478C



E86D5D



73676C



B30043



330013



# Inverse Universe

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



E85D91



FF478C



5DD8E8



73676C



B30043



330013



# Previews

## White Background



This preview shows how the Hex color E85D91 looks on a white background.

## Color Contrast Check

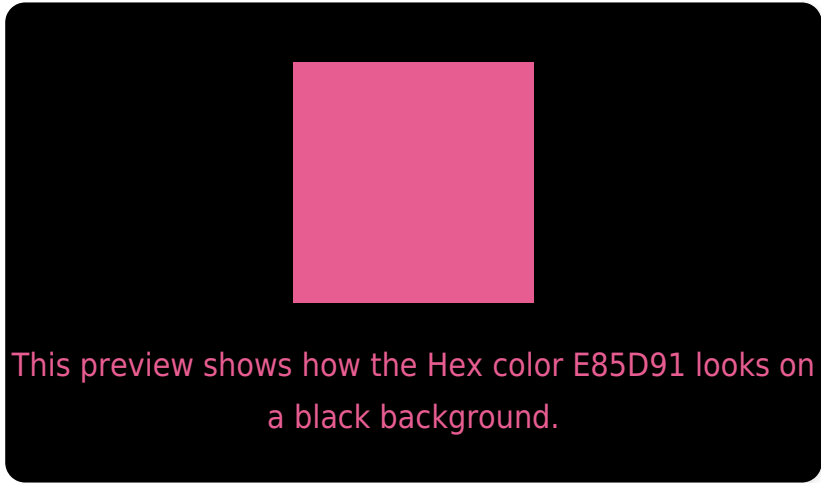
Large Text (above 18pt) WCAG AA ✓ Pass

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 E85D91 Background



This preview shows how black text looks on a background with the Hex color E85D91.

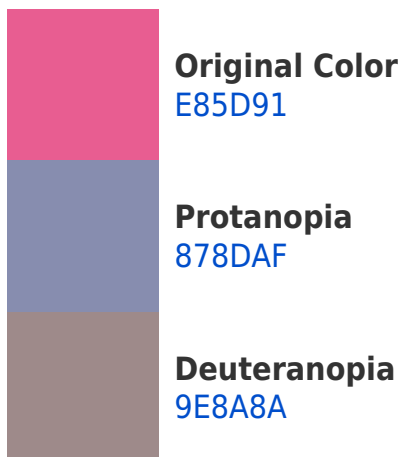


This preview shows how white text looks on a background with the Hex color E85D91.

# 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**  
E5656B

# Trichromacy



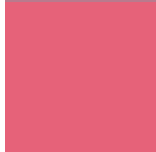
**Original Color**  
E85D91



**Protanomaly**  
AA7CA4



**Deuteranomaly**  
B97A8D

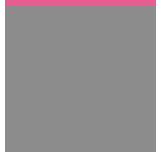


**Tritanomaly**  
E66279

# Monochromacy



**Original Color**  
E85D91



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
AD7B8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E85D91 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 #E85D91 looks like.

```
.text, #text, p{  
    color:#E85D91  
}
```

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 #E85D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E85D91
}
```

## Border

The CSS property to change the border of an element to Hex E85D91 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
#E85D91 }
```

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

```
.border{ border-color:#E85D91 }
```

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

Here you see how a box with a 4 pixel #E85D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E85D91; -webkit-box-shadow:4px 4px  
4px 4px #E85D91; box-shadow:4px 4px 4px  
4px #E85D91 }
```

# Background

The CSS property to change the background color of an element to Hex E85D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E85D91 }
```

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

```
.background{ background-color:#E85D91 }
```

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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