

# Converting Colors

Hex(E085D2)

Have a look what the booklet for  
Hex(E085D2) contains.

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# **Color**

**Hex(E085D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E085D2
RGB	224, 133, 210
RGB Percent	88%, 52%, 82%
CMY	0.1216, 0.4784, 0.1765
CMYK	0.00, 0.41, 0.06, 0.12
HSL	309°, 59%, 70%
HSV	309°, 41%, 88%
XYZ	50.7609, 37.2755, 65.4923
YIQ	168.9870, 29.5190, 43.2390

# Conversions

## Conversions Part 2

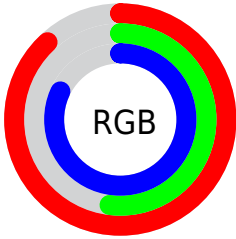
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 133, 210
Decimal	14714322
CIE <sub>Lab</sub>	67.48, 45.82, -24.89
CIE <sub>LCh</sub>	67, 52.146, 331.490
Yxy	37.2755, 0.3306, 0.2428
Android (android.graphics.Color)	4292904402 (0xFFE085D2)
YUV	168.9870, 20.2194, 48.2464
Hunter-Lab	61.0537, 41.5635, -20.8628

# Details

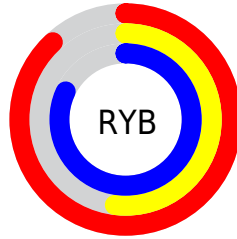
The Hex color **E085D2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85E093**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBCFF**, and **A7509B** is the 20% darker color. If you saturate the color by 10%, you get **E06FCF**, and if you desaturate by 10%, it is **E09BD5**.

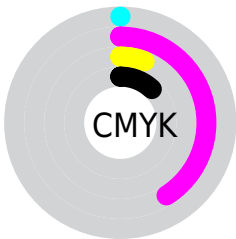
# Distribution



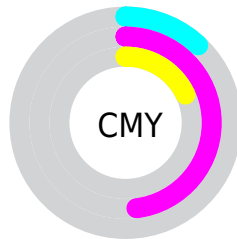
- Red (88%)
- Green (52%)
- Blue (82%)



- Red (88%)
- Yellow (52%)
- Blue (82%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (48%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E085D2 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 E085D2 by changing the saturation by 10% instead.



 E085D2

 E085D2

FFFFFF

 C36AB6


 FFBCFF

 A7509B

 FFD8FF

 8C3681

 FFF5FF

 711B68

 56004F

 3D0038

 270023

 000008

 000000

 E085D2

 E085D2

 E06FCF

 E09BD5

 E058CB

 E0B2D9

 E042C8

 E0C8DC

 E02BC4

 E0DFE0

 E015C1

 E0F5E3

 E000BE

 E0FFE7

 E0FFEA

 E0FFEE

 E0FFF1

# Harmonies

## Analogous

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



AA97F5



E085D2



FA7CA4

# Triad

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



E085D2



BDA342



00BBD4

# Complementary

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



E085D2



85E093

# 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.



00BCA5



E085D2



8DB050

# Square

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



E085D2



E39152



4EB876



00B5F6

# Rectangle

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



E085D2



FC7E85



4EB876



00BCC5



# Sweetspot

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



E085D2



FFE0FA



9385E0



806E7D



000000



808080



# Same Dimension

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



E085D2



FF82EC



E085A5



70656E



B00095



300029



# Inverse Universe

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



E085D2



FF82EC



85E0C0



70656E



B00095

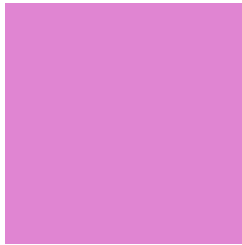


300029



# Previews

## White Background



This preview shows how the Hex color E085D2 looks on a white background.

## Color Contrast Check

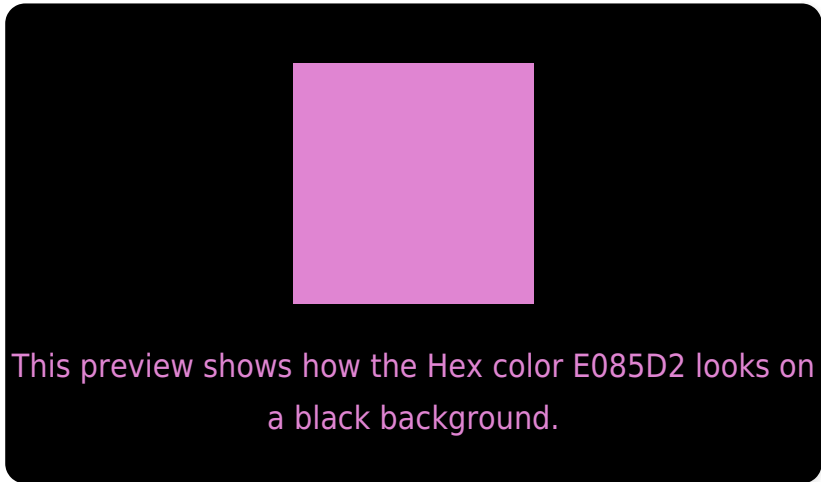
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 E085D2 Background



This preview shows how black text looks on a background with the Hex color E085D2.

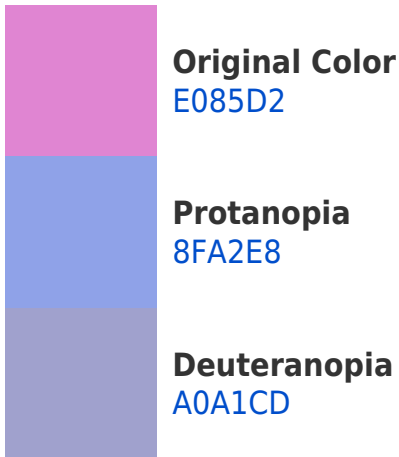


This preview shows how white text looks on a background with the Hex color E085D2.

# 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**  
D9909B

# Trichromacy



**Original Color**  
E085D2



**Protanomaly**  
AC97E0



**Deuteranomaly**  
B797CF

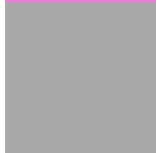


**Tritanomaly**  
DC8CAF

# Monochromacy



**Original Color**  
E085D2



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
BD9CB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E085D2 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 #E085D2 looks like.

```
.text, #text, p{  
    color:#E085D2  
}
```

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 #E085D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E085D2
}
```

## Border

The CSS property to change the border of an element to Hex E085D2 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
#E085D2 }
```

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

```
.border{ border-color:#E085D2 }
```

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

Here you see how a box with a 4 pixel #E085D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E085D2; -webkit-box-shadow:4px 4px  
4px 4px #E085D2; box-shadow:4px 4px 4px  
4px #E085D2 }
```

# Background

The CSS property to change the background color of an element to Hex E085D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E085D2 }
```

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

```
.background{ background-color:#E085D2 }
```

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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