

# Converting Colors

Hex(D85EC4)

Have a look what the booklet for  
Hex(D85EC4) contains.

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# Color

Hex(D85EC4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D85EC4
RGB	216, 94, 196
RGB Percent	85%, 37%, 77%
CMY	0.1529, 0.6314, 0.2314
CMYK	0.00, 0.56, 0.09, 0.15
HSL	310°, 61%, 61%
HSV	310°, 56%, 85%
XYZ	42.2854, 26.5899, 55.1282
YIQ	142.1060, 39.9700, 57.5860

# Conversions

## Conversions Part 2

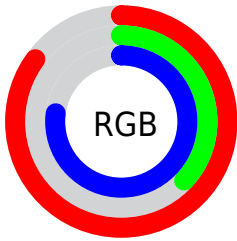
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 94, 196
Decimal	14180036
CIE Lab	58.59, 60.18, -30.80
CIE LCh	59, 67.601, 332.899
Yxy	26.5899, 0.3410, 0.2144
Android (android.graphics.Color)	4292370116 (0xFFD85EC4)
YUV	142.1060, 26.5697, 64.8050
Hunter-Lab	51.5654, 56.1369, -27.2908

# Details

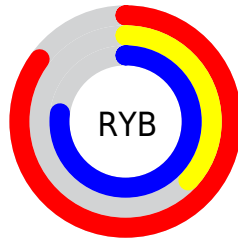
The Hex color **D85EC4** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5ED872**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF96FD**, and **9E238E** is the 20% darker color. If you saturate the color by 10%, you get **D848C0**, and if you desaturate by 10%, it is **D874C8**.

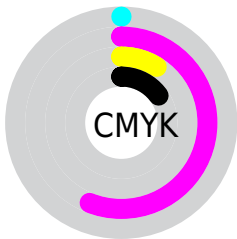
# Distribution



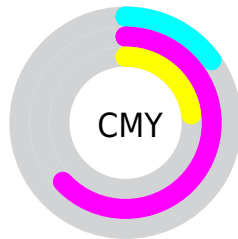
- Red (85%)
- Green (37%)
- Blue (77%)



- Red (85%)
- Yellow (37%)
- Blue (77%)



- Cyan (0%)
- Magenta (56%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (63%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D85EC4 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 D85EC4 by changing the saturation by 10% instead.



 D85EC4

 D85EC4

FFFFFF

 BB42A9

 FF96FD

 9E238E

 FFB2FF

 820074

 FFCFFF

 67005B

 FFECCF

 4C0043

 34002D

 0F0017

 000000

 D85EC4

 D85EC4

 D848C0

 D874C8

 D833BD

 D889CB

 D81DB9

 D89FCF

 D808B6

 D8B4D2

 D800B5

 D8CAD6

 D8E0D9

 D8F5DD

 D8FFE0

 D8FFE4

# Harmonies

## Analogous

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



937AF1



D85EC4



F54E8A

# Triad

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



D85EC4



A48C00



00A7CC

# Complementary

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



D85EC4



5ED872

# 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.



00A891



D85EC4



679C18

# Square

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



D85EC4



D2751A



00A454



00A1F6

# Rectangle

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



D85EC4



F55463



00A454



00A8B9



# Sweetspot

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



D85EC4



FFD4F8



705ED8



80667B



000000



808080



# Same Dimension

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



D85EC4



FF52E3



D85E89



6B6069



AB008F



2B0024



# Inverse Universe

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



D85EC4



FF52E3



5ED8AD



6B6069



AB008F



2B0024



# Previews

## White Background



This preview shows how the Hex color D85EC4 looks on a white background.

## Color Contrast Check

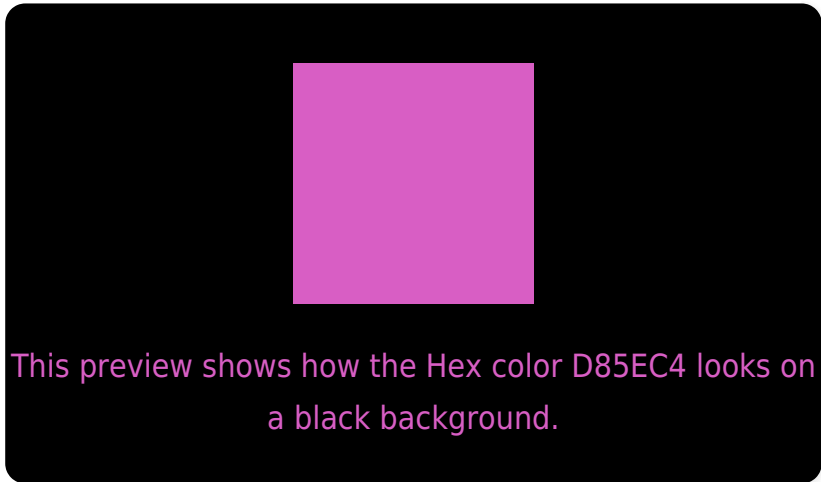
Large Text (above 18pt) WCAG AA ✓ Pass

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

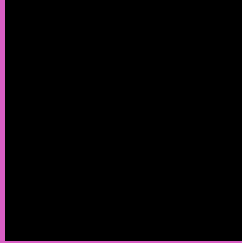
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D85EC4 Background



This preview shows how black text looks on a background with the Hex color D85EC4.

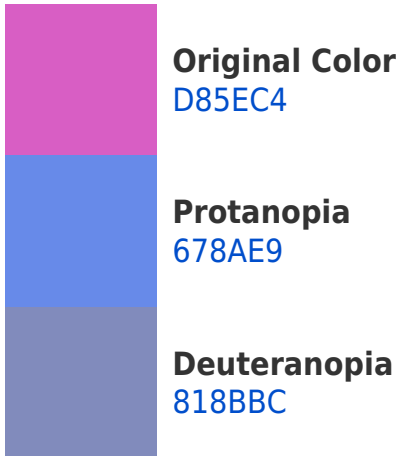


This preview shows how white text looks on a background with the Hex color D85EC4.

# 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](#).

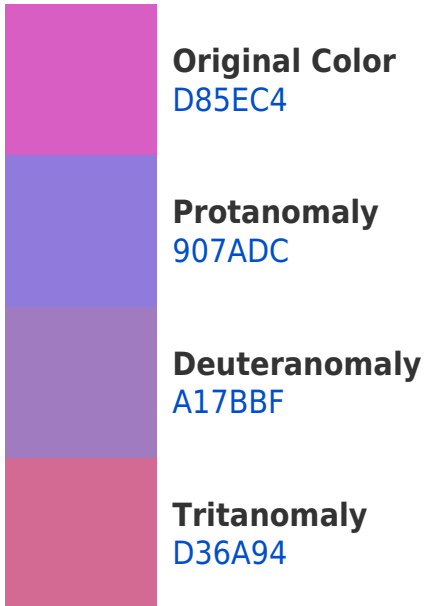
## Dichromacy





**Tritanopia**  
D07179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D85EC4 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 #D85EC4 looks like.

```
.text, #text, p{  
    color:#D85EC4  
}
```

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 #D85EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D85EC4
}
```

## Border

The CSS property to change the border of an element to Hex D85EC4 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
#D85EC4 }
```

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

```
.border{ border-color:#D85EC4 }
```

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

Here you see how a box with a 4 pixel #D85EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D85EC4; -webkit-box-shadow:4px 4px  
4px 4px #D85EC4; box-shadow:4px 4px 4px  
4px #D85EC4 }
```

# Background

The CSS property to change the background color of an element to Hex D85EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D85EC4 }
```

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

```
.background{ background-color:#D85EC4 }
```

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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