

# Converting Colors

Hex(F86DD3)

Have a look what the booklet for  
Hex(F86DD3) contains.

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# **Color**

**Hex(F86DD3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F86DD3
RGB	248, 109, 211
RGB Percent	97%, 43%, 83%
CMY	0.0275, 0.5725, 0.1725
CMYK	0.00, 0.56, 0.15, 0.03
HSL	316°, 91%, 70%
HSV	316°, 56%, 97%
XYZ	55.9379, 35.5969, 65.5506
YIQ	162.1890, 50.1020, 61.1900

# Conversions

## Conversions Part 2

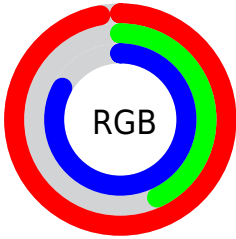
Format	Color
R <sub>YB</sub>	248, 109, 211
Decimal	16281043
CIE <sub>Lab</sub>	66.21, 64.65, -27.13
CIE <sub>LCh</sub>	66, 70.118, 337.234
Yxy	35.5969, 0.3561, 0.2266
Android (android.graphics.Color)	4294471123 (0xFFFF86DD3)
YUV	162.1890, 24.0638, 75.2562
Hunter-Lab	59.6631, 62.9444, -23.3765

# Details

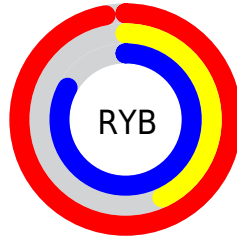
The Hex color **F86DD3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6DF892**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA6FF**, and **BD329C** is the 20% darker color. If you saturate the color by 10%, you get **F854CC**, and if you desaturate by 10%, it is **F886DA**.

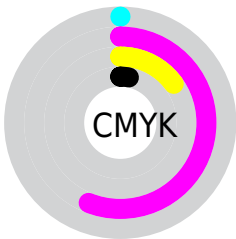
# Distribution



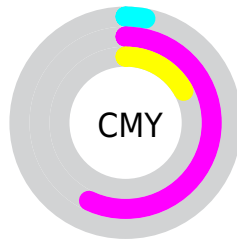
- Red (97%)
- Green (43%)
- Blue (83%)



- Red (97%)
- Yellow (43%)
- Blue (83%)



- Cyan (0%)
- Magenta (56%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (57%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F86DD3 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 F86DD3 by changing the saturation by 10% instead.



 F86DD3

 F86DD3

FFFFFF

 DA50B7

 FFA6FF

 BD329C

 FFC3FF

 A00382

 FFE0FF

 830069


FFFEFF

 670050

 4C0039

 320023

 0A0008

 000000

 F86DD3

 F86DD3

 F854CC

 F886DA

 F83BC6

 F89FE0

 F823BF

 F8B7E7

 F80AB9

 F8D0ED

 F800B6

 F8E9F4

 F8FFFB

 F8FFFF

# Harmonies

## Analogous

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



B689FF



F86DD3



FF6194

# Triad

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



F86DD3



B2A300



00BDEC

# Complementary

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



F86DD3



6DF892

# 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.



00BEAF



F86DD3



6FB232

# Square

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



F86DD3



E68C23



00BB6D



00B5FF

# Rectangle

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



F86DD3



FF696B



00BB6D



00BED9



# Sweetspot

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



F86DD3



FFD4F3



906DF8



806679



000000



808080



# Same Dimension

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



F86DD3



FF54D2



F86D90



7D707A



BD008A



3D002D



# Inverse Universe

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



F86DD3



FF54D2



6DF8D5



7D707A



BD008A



3D002D



# Previews

## White Background



This preview shows how the Hex color F86DD3 looks on a white background.

## Color Contrast Check

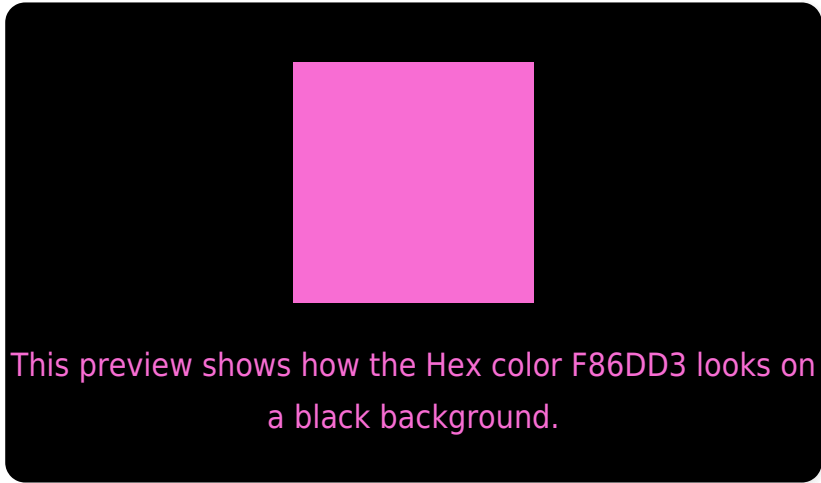
Large Text (above 18pt) WCAG AA × Fail

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 F86DD3 Background



This preview shows how black text looks on a background with the Hex color F86DD3.



This preview shows how white text looks on a background with the Hex color F86DD3.

# 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**  
F07F88

# Trichromacy



**Original Color**  
F86DD3



**Protanomaly**  
AC8CEC



**Deuteranomaly**  
BD8CCE



**Tritanomaly**  
F378A3

# Monochromacy



**Original Color**  
F86DD3



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
C18FB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F86DD3 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 #F86DD3 looks like.

```
.text, #text, p{  
    color:#F86DD3  
}
```

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 #F86DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F86DD3  
}
```

## Border

The CSS property to change the border of an element to Hex F86DD3 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  
#F86DD3 }
```

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

```
.border{ border-color:#F86DD3 }
```

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

Here you see how a box with a 4 pixel #F86DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F86DD3; -webkit-box-shadow:4px 4px  
4px 4px #F86DD3; box-shadow:4px 4px 4px  
4px #F86DD3 }
```

# Background

The CSS property to change the background color of an element to Hex F86DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F86DD3 }
```

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

```
.background{ background-color:#F86DD3 }
```

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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