

# Converting Colors

Hex(F42C7D)

Have a look what the booklet for  
Hex(F42C7D) contains.

<b>Hex(F42C7D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(F42C7D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F42C7D
RGB	244, 44, 125
RGB Percent	96%, 17%, 49%
CMY	0.0431, 0.8275, 0.5098
CMYK	0.00, 0.82, 0.49, 0.04
HSL	336°, 90%, 56%
HSV	336°, 82%, 96%
XYZ	41.9106, 22.5151, 21.5390
YIQ	113.0340, 93.1990, 67.5910

# Conversions

## Conversions Part 2

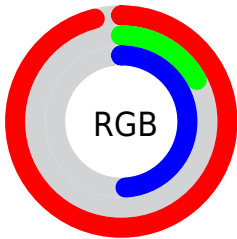
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 44, 125
Decimal	16002173
CIE <sub>Lab</sub>	54.57, 76.39, 5.14
CIE <sub>LCh</sub>	55, 76.562, 3.848
Yxy	22.5151, 0.4875, 0.2619
Android (android.graphics.Color)	4294192253 (0xFFFF42C7D)
YUV	113.0340, 5.8992, 114.8572
Hunter-Lab	47.4501, 74.6235, 6.3017

# Details

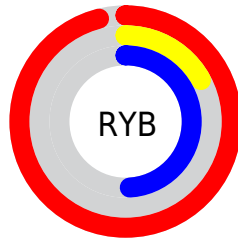
The Hex color **F42C7D** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **2CF4A3**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF70B1**, and **B5004D** is the 20% darker color. If you saturate the color by 10%, you get **F4146E**, and if you desaturate by 10%, it is **F4448C**.

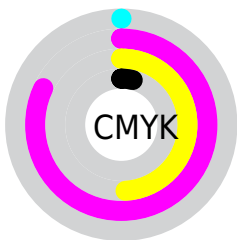
# Distribution



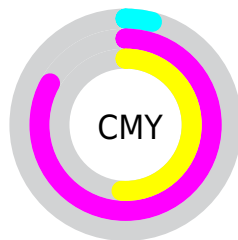
- Red (96%)
- Green (17%)
- Blue (49%)



- Red (96%)
- Yellow (17%)
- Blue (49%)



- Cyan (0%)
- Magenta (82%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (83%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F42C7D 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 F42C7D by changing the saturation by 10% instead.



 F42C7D

 F42C7D

FFFFFF

 D40064

 FF70B1

 B5004D

 FF8FCD

 960036

 FFACE9

 780021

 FFCAFF

 5A000A

 FFE9FF

 3C0003

 160000

 000000

 F42C7D

 F42C7D

 F4146E

 F4448C

 F40063

 F45D9A

 F475A9

 F48EB7

 F4A6C6

 F4BED4

 F4D7E3

 F4EFF1

 F4FFFF

# Harmonies

## Analogous

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



D746BE



F42C7D



ED453D

# Triad

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



F42C7D



519300



0098FA

# Complementary

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



F42C7D



2CF4A3

# 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.



009FCB



F42C7D



009B44

# Square

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



F42C7D



968300



009F8A



0089FF

# Rectangle

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



F42C7D



D85D0A



009F8A



009BED



# Sweetspot

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



F42C7D



FFBFD9



A12CF4



805969



000000



808080



# Same Dimension

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



F42C7D



FF056A



F43D2C



7A6E73



BA004B



3B0018



# Inverse Universe

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



F42C7D



FF056A



2CE3F4



7A6E73



BA004B



3B0018



# Previews

## White Background



This preview shows how the Hex color F42C7D looks on a white background.

## Color Contrast Check

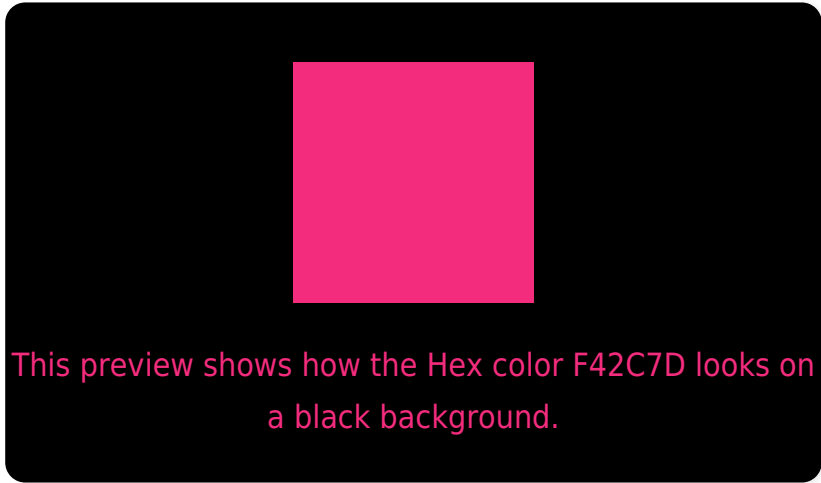
Large Text (above 18pt) WCAG AA ✓ Pass

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 F42C7D Background



This preview shows how black text looks on a background with the Hex color F42C7D.



This preview shows how white text looks on a background with the Hex color F42C7D.

# 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**  
F13E40

# Trichromacy



**Original Color**  
F42C7D



**Protanomaly**  
A4639B



**Deuteranomaly**  
B86077

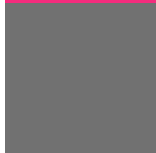


**Tritanomaly**  
F23756

# Monochromacy



**Original Color**  
F42C7D



**Achromatopsia**  
717171



**Achromatomaly**  
A15875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F42C7D 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 #F42C7D looks like.

```
.text, #text, p{  
    color:#F42C7D  
}
```

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 #F42C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F42C7D
}
```

## Border

The CSS property to change the border of an element to Hex F42C7D 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
#F42C7D }
```

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

```
.border{ border-color:#F42C7D }
```

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

Here you see how a box with a 4 pixel #F42C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F42C7D; -webkit-box-shadow:4px 4px  
4px 4px #F42C7D; box-shadow:4px 4px 4px  
4px #F42C7D }
```

# Background

The CSS property to change the background color of an element to Hex F42C7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F42C7D }
```

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

```
.background{ background-color:#F42C7D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**