

# Converting Colors

Hex(F5227C)

Have a look what the booklet for  
Hex(F5227C) contains.

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# Color

**Hex(F5227C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5227C
RGB	245, 34, 124
RGB Percent	96%, 13%, 49%
CMY	0.0392, 0.8667, 0.5137
CMYK	0.00, 0.86, 0.49, 0.04
HSL	334°, 91%, 55%
HSV	334°, 86%, 96%
XYZ	41.8663, 22.0118, 21.1109
YIQ	107.3490, 96.8660, 72.7220

# Conversions

## Conversions Part 2

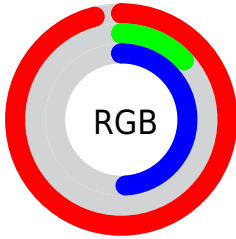
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 34, 124
Decimal	16065148
CIE <sub>Lab</sub>	54.04, 78.54, 5.00
CIE <sub>LCh</sub>	54, 78.698, 3.644
Yxy	22.0118, 0.4926, 0.2590
Android (android.graphics.Color)	4294255228 (0xFFFF5227C)
YUV	107.3490, 8.2089, 120.7199
Hunter-Lab	46.9167, 77.1810, 6.1633

# Details

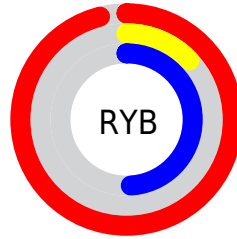
The Hex color **F5227C** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **22F59B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6BB0**, and **B6004C** is the 20% darker color. If you saturate the color by 10%, you get **F50A6E**, and if you desaturate by 10%, it is **F53B8A**.

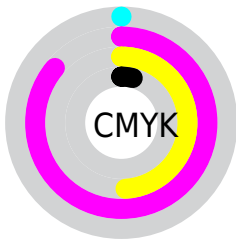
# Distribution



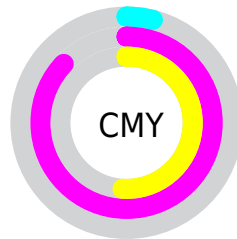
- Red (96%)
- Green (13%)
- Blue (49%)



- Red (96%)
- Yellow (13%)
- Blue (49%)



- Cyan (0%)
- Magenta (86%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (87%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5227C 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 F5227C by changing the saturation by 10% instead.



 F5227C

 F5227C

FFFFFF

 D50063

 FF6BB0

 B6004C

 FF8ACC

 970035

 FFA8E8

 780021

 FFC6FF

 5A0008

 FFE4FF

 3C0003

 150000

 000000

 F5227C

 F5227C

 F50A6E

 F53B8A

 F50069

 F55398

 F56CA6

 F584B4

 F59DC2

 F5B5D0

 F5CEDE

 F5E6EC

 F5FFFA

# Harmonies

## Analogous

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



D742BF



F5227C



EE3F3A

# Triad

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



F5227C



4D9200



0098FC

# Complementary

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



F5227C



22F59B

# 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.



009ECB



F5227C



009A40

# Square

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



F5227C



958100



009E88



0088FF

# Rectangle

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



F5227C



D95A01



009E88



009BEF



# Sweetspot

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



F5227C



FFBDD9



9A22F5



805869



000000



808080



# Same Dimension

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



F5227C



FF006D



F53022



7A6E73



BA004F



3B0019



# Inverse Universe

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



F5227C



FF006D



22E7F5



7A6E73



BA004F



3B0019



# Previews

## White Background



This preview shows how the Hex color F5227C 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 F5227C Background



This preview shows how black text looks on a background with the Hex color F5227C.



This preview shows how white text looks on a background with the Hex color F5227C.

# 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**  
F2393A

# Trichromacy



**Original Color**  
F5227C



**Protanomaly**  
A45E9C



**Deuteranomaly**  
B75C76



**Tritanomaly**  
F33152

# Monochromacy



**Original Color**  
F5227C



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
9D5071

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5227C 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 #F5227C looks like.

```
.text, #text, p{  
    color:#F5227C  
}
```

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 #F5227C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5227C
}
```

## Border

The CSS property to change the border of an element to Hex F5227C 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
#F5227C }
```

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

```
.border{ border-color:#F5227C }
```

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

Here you see how a box with a 4 pixel #F5227C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5227C; -webkit-box-shadow:4px 4px  
4px 4px #F5227C; box-shadow:4px 4px 4px  
4px #F5227C }
```

# Background

The CSS property to change the background color of an element to Hex F5227C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5227C }
```

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

```
.background{ background-color:#F5227C }
```

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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