

# Converting Colors

Hex(F5166D)

Have a look what the booklet for  
Hex(F5166D) contains.

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**Color**

**Hex(F5166D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5166D
RGB	245, 22, 109
RGB Percent	96%, 9%, 43%
CMY	0.0392, 0.9137, 0.5725
CMYK	0.00, 0.91, 0.56, 0.04
HSL	337°, 92%, 52%
HSV	337°, 91%, 96%
XYZ	40.7034, 21.0904, 16.3935
YIQ	98.5950, 104.9810, 74.3330

# Conversions

## Conversions Part 2

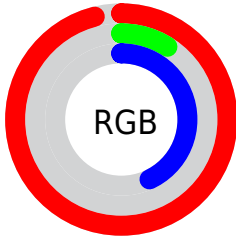
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 22, 109
Decimal	16062061
CIE <sub>Lab</sub>	53.05, 79.26, 12.65
CIE <sub>LCh</sub>	53, 80.259, 9.069
Yxy	21.0904, 0.5206, 0.2697
Android (android.graphics.Color)	4294252141 (0xFFFF5166D)
YUV	98.5950, 5.1297, 128.3972
Hunter-Lab	45.9243, 77.8397, 10.9823

# Details

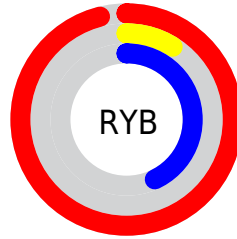
The Hex color **F5166D** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **16F59E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF66A0**, and **B5003E** is the 20% darker color. If you saturate the color by 10%, you get **F50060**, and if you desaturate by 10%, it is **F52F7C**.

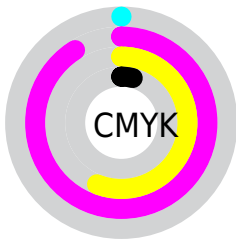
# Distribution



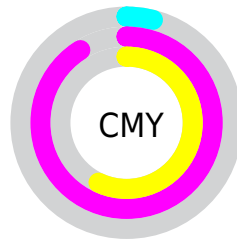
- Red (96%)
- Green (9%)
- Blue (43%)



- Red (96%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (91%)
- Yellow (56%)
- Black (4%)



- Cyan (4%)
- Magenta (91%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5166D 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 F5166D by changing the saturation by 10% instead.



 F5166D

 F5166D

FFFFFF

 D50055

 FF66A0

 B5003E

 FF85BB

 960029

 FFA3D7

 770015

 FFC1F3

 580004

 FFE0FF

 390002

FFFEFF

 0F0000

 000000

 F5166D

 F5166D

 F50060

 F52F7C

 F5478B

 F5609A

 F578A9

 F591B8

 F5A9C7

 F5C2D6

 F5DAE5

 F5F3F3

# Harmonies

## Analogous

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



DE33B2



F5166D



E8422A

# Triad

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



F5166D



349200



0093FF

# Complementary

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



F5166D



16F59E

# 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.



009BD5



F5166D



00994A

# Square

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



F5166D



878300



009C93



0081FF

# Rectangle

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



F5166D



CF5D00



009C93



0097F6



# Sweetspot

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



F5166D



FFBAD5



9C16F5



805767



000000



808080



# Same Dimension

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



F5166D



FF0063



F52C16



7A6E73



BA0049



3B0017



# Inverse Universe

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



F5166D



FF0063



16DFF5



7A6E73



BA0049



3B0017



# Previews

## White Background



This preview shows how the Hex color F5166D looks on a white background.

## Color Contrast Check

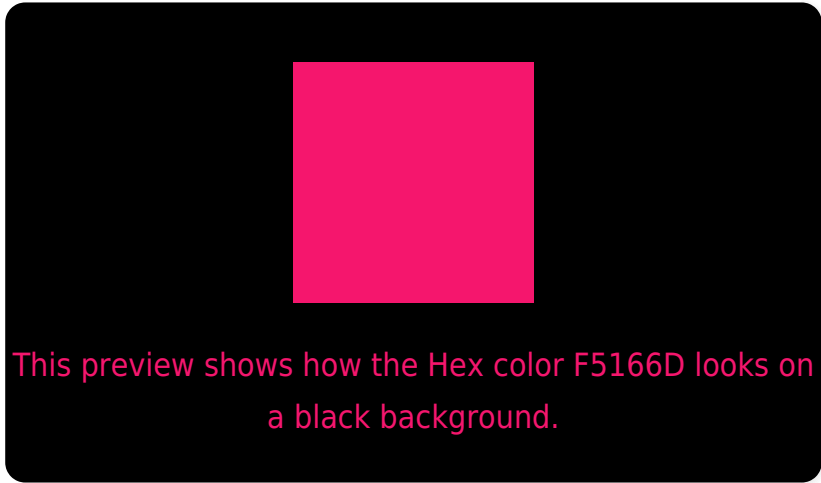
Large Text (above 18pt) WCAG AA ✓ Pass

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 F5166D Background



This preview shows how black text looks on a background with the Hex color F5166D.

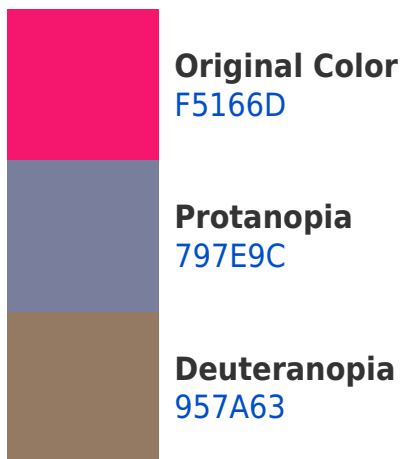


This preview shows how white text looks on a background with the Hex color F5166D.

# 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





# Trichromacy



**Original Color**  
F5166D



**Protanomaly**  
A6588B



**Deuteranomaly**  
B85667

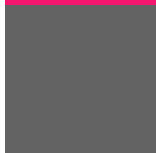


**Tritanomaly**  
F32646

# Monochromacy



**Original Color**  
F5166D



**Achromatopsia**  
636363



**Achromatomaly**  
984767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5166D 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 #F5166D looks like.

```
.text, #text, p{  
    color:#F5166D  
}
```

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 #F5166D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5166D
}
```

## Border

The CSS property to change the border of an element to Hex F5166D 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
#F5166D }
```

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

```
.border{ border-color:#F5166D }
```

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

Here you see how a box with a 4 pixel #F5166D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5166D; -webkit-box-shadow:4px 4px  
4px 4px #F5166D; box-shadow:4px 4px 4px  
4px #F5166D }
```

# Background

The CSS property to change the background color of an element to Hex F5166D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5166D }
```

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

```
.background{ background-color:#F5166D }
```

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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