

# Converting Colors

Hex(F16FB5)

Have a look what the booklet for  
Hex(F16FB5) contains.

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**Color**

**Hex(F16FB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F16FB5
RGB	241, 111, 181
RGB Percent	95%, 44%, 71%
CMY	0.0549, 0.5647, 0.2902
CMYK	0.00, 0.54, 0.25, 0.05
HSL	328°, 82%, 69%
HSV	328°, 54%, 95%
XYZ	50.3006, 33.4058, 47.5129
YIQ	157.8500, 55.0100, 49.3300

# Conversions

## Conversions Part 2

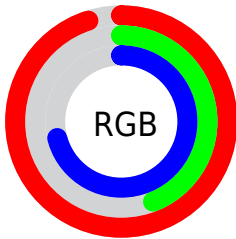
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 111, 181
Decimal	15822773
CIE Lab	64.49, 57.50, -12.93
CIE LCh	64, 58.937, 347.332
Yxy	33.4058, 0.3833, 0.2546
Android (android.graphics.Color)	4294012853 (0xFFFF16FB5)
YUV	157.8500, 11.4129, 72.9225
Hunter-Lab	57.7978, 54.1998, -8.2811

# Details

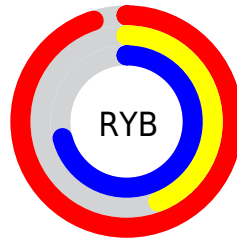
The Hex color **F16FB5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6FF1AB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA7ED**, and **B63780** is the 20% darker color. If you saturate the color by 10%, you get **F157AA**, and if you desaturate by 10%, it is **F187C0**.

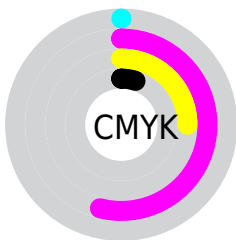
# Distribution



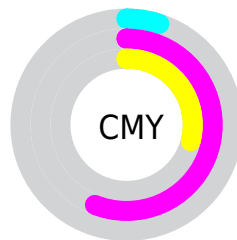
- Red (95%)
- Green (44%)
- Blue (71%)



- Red (95%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (56%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F16FB5 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 F16FB5 by changing the saturation by 10% instead.



 F16FB5

 F16FB5

FFFFFF

 D3539A

 FFA7ED

 B63780

 FFC3FF

 991467

 FFE0FF

 7D004F

FFFEFF

 610038

 460023

 2C000A

 000000

 F16FB5

 F16FB5

 F157AA

 F187C0

 F13F9F

 F19FCB

 F12794

 F1B7D6

 F10F89

 F1CFE1

 F10082

 F1E7ED

 F1FFF8

 F1FFFF

# Harmonies

## Analogous

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



C681E4



F16FB5



FD6D80

# Triad

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



F16FB5



9BA32E



00B2E9

# Complementary

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



F16FB5



6FF1AB

# 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.



00B6BA



F16FB5



5DAE51

# Square

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



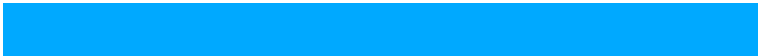
F16FB5



CB922F



00B584



00A9FF

# Rectangle

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



F16FB5



F5775F



00B584



00B4DB



# Sweetspot

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



F16FB5



FFD6EC



AA6FF1



806774



000000



808080



# Same Dimension

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



F16FB5



FF59B3



F16F75



786C72



B80063



38001E



# Inverse Universe

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



F16FB5



FF59B3



6FF1EA



786C72



B80063



38001E



# Previews

## White Background



This preview shows how the Hex color F16FB5 looks on a white background.

## Color Contrast Check

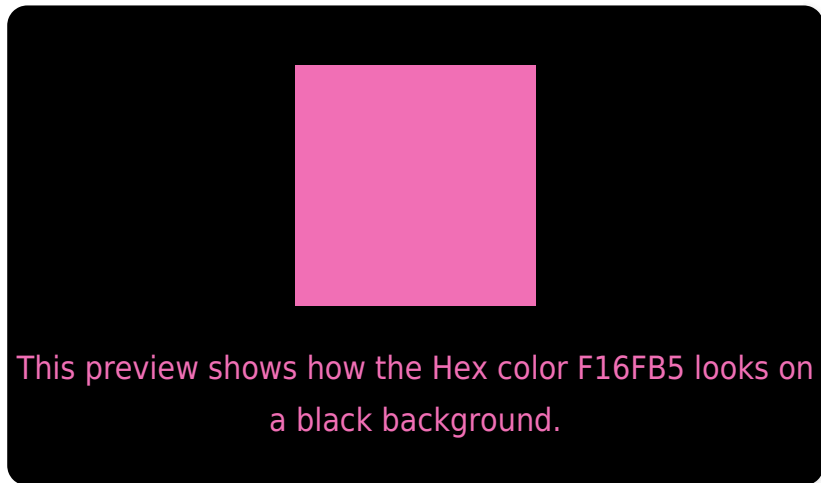
Large Text (above 18pt) WCAG AA × Fail

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 F16FB5 Background



This preview shows how black text looks on a background with the Hex color F16FB5.

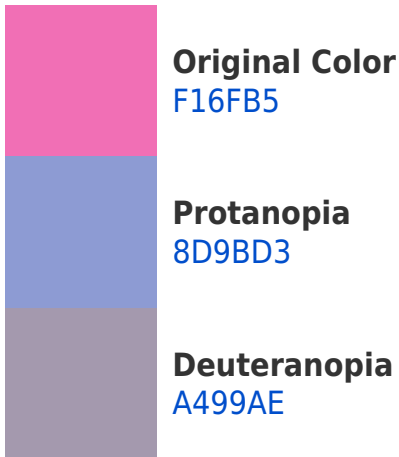


This preview shows how white text looks on a background with the Hex color F16FB5.

# 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**  
F16FB5



**Protanomaly**  
B18BC8



**Deuteranomaly**  
C08AB1

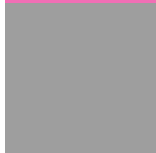


**Tritanomaly**  
EE7695

# Monochromacy



**Original Color**  
F16FB5



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
BC8DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F16FB5 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 #F16FB5 looks like.

```
.text, #text, p{  
    color:#F16FB5  
}
```

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 #F16FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F16FB5 }  
}
```

## Border

The CSS property to change the border of an element to Hex F16FB5 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 #F16FB5 }  
}
```

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

```
.border{ border-color:#F16FB5 }
```

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

Here you see how a box with a 4 pixel #F16FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F16FB5; -webkit-box-shadow:4px 4px  
4px 4px #F16FB5; box-shadow:4px 4px 4px  
4px #F16FB5 }
```

# Background

The CSS property to change the background color of an element to Hex F16FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F16FB5 }
```

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

```
.background{ background-color:#F16FB5 }
```

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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