

# Converting Colors

Hex(FE65B3)

Have a look what the booklet for  
Hex(FE65B3) contains.

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# **Color**

**Hex(FE65B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE65B3
RGB	254, 101, 179
RGB Percent	100%, 40%, 70%
CMY	0.0039, 0.6039, 0.2980
CMYK	0.00, 0.60, 0.30, 0.00
HSL	329°, 99%, 70%
HSV	329°, 60%, 100%
XYZ	53.6634, 33.6329, 46.3112
YIQ	155.6390, 66.1500, 56.6940

# Conversions

## Conversions Part 2

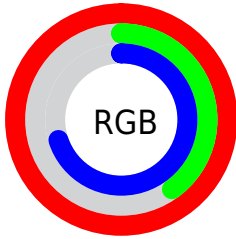
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 101, 179
Decimal	16672179
CIELab	64.67, 65.54, -11.32
CIELCh	65, 66.508, 350.199
Yxy	33.6329, 0.4016, 0.2517
Android (android.graphics.Color)	4294862259 (0xFFFE65B3)
YUV	155.6390, 11.5170, 86.2626
Hunter-Lab	57.9938, 63.6821, -6.7506

# Details

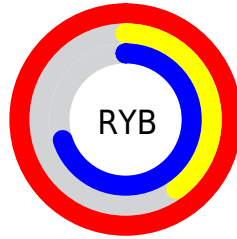
The Hex color **FE65B3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65FEB0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9EEB**, and **C1267E** is the 20% darker color. If you saturate the color by 10%, you get **FE4CA7**, and if you desaturate by 10%, it is **FE7EBF**.

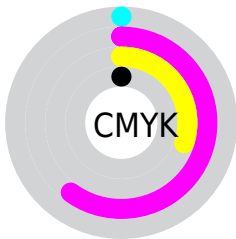
# Distribution



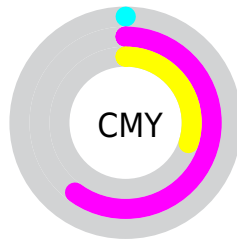
- Red (100%)
- Green (40%)
- Blue (70%)



- Red (100%)
- Yellow (40%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE65B3 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 FE65B3 by changing the saturation by 10% instead.



 FE65B3

 FE65B3

FFFFFF

 E04798

 FF9EEB

 C1267E

 FFBBFF

 A40065

 FFD9FF

 87004D

 FFF6FF

 6A0037

 4E0021

 330007

 000000

 FE65B3

 FE65B3

 FE4CA7

 FE7EBF

 FE329A

 FE98CC

 FE198E

 FEB1D8

 FE0081

 FECBE5

 FEE4F1

 FEFDFE

 FEFFFF

# Harmonies

## Analogous

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



D17BEA



FE65B3



FF6577

# Triad

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



FE65B3



94A61B



00B5F7

# Complementary

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



FE65B3



65FEB0

# 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.



00B9C4



FE65B3



48B24C

# Square

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



FE65B3



CB9316



00B887



00A9FF

# Rectangle

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



FE65B3



FD7253



00B887



00B7E8



# Sweetspot

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



FE65B3



FFD1E9



AF65FE



806372



000000



808080



# Same Dimension

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



FE65B3



FF47A5



FE6568



807379



BF0062



400021



# Inverse Universe

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



FE65B3



FF47A5



65FEFB



807379



BF0062



400021



# Previews

## White Background



This preview shows how the Hex color FE65B3 looks on a white background.

## Color Contrast Check

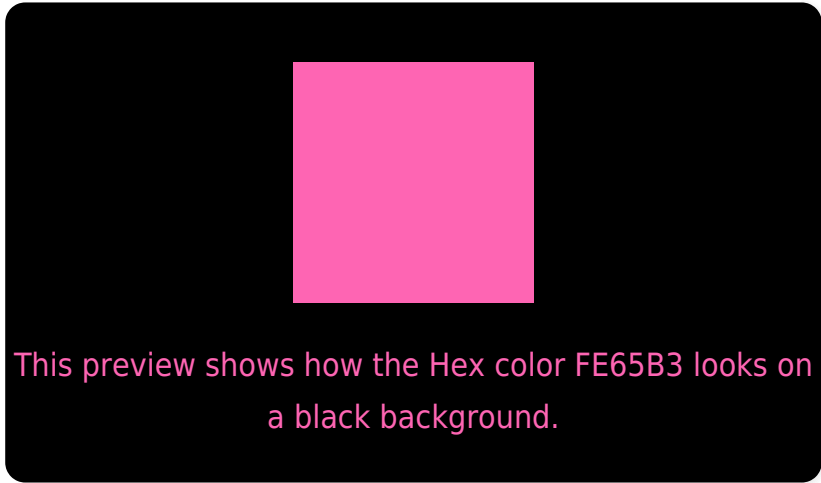
Large Text (above 18pt) WCAG AA × Fail

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 FE65B3 Background



This preview shows how black text looks on a background with the Hex color FE65B3.



This preview shows how white text looks on a background with the Hex color FE65B3.

# 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**  
F9727A

# Trichromacy



**Original Color**  
FE65B3



**Protanomaly**  
B587CB



**Deuteranomaly**  
C686AE

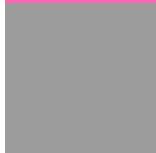


**Tritanomaly**  
FB6D8F

# Monochromacy



**Original Color**  
FE65B3



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
C088A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE65B3 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 #FE65B3 looks like.

```
.text, #text, p{  
    color:#FE65B3  
}
```

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 #FE65B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE65B3
}
```

## Border

The CSS property to change the border of an element to Hex FE65B3 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
#FE65B3 }
```

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

```
.border{ border-color:#FE65B3 }
```

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

Here you see how a box with a 4 pixel #FE65B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE65B3; -webkit-box-shadow:4px 4px  
4px 4px #FE65B3; box-shadow:4px 4px 4px  
4px #FE65B3 }
```

# Background

The CSS property to change the background color of an element to Hex FE65B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE65B3 }
```

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

```
.background{ background-color:#FE65B3 }
```

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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