

Converting Colors

Hex(FF65B6)

Have a look what the booklet for
Hex(FF65B6) contains.

Hex(FF65B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F665B6)

Conversions

Conversions Part 1

Format	Color
Hex	FF65B6
RGB	255, 101, 182
RGB Percent	100%, 40%, 71%
CMY	0.0000, 0.6039, 0.2863
CMYK	0.00, 0.60, 0.29, 0.00
HSL	328°, 100%, 70%
HSV	328°, 60%, 100%
XYZ	54.3372, 33.9448, 47.9441
YIQ	156.2800, 65.7830, 57.8390

Conversions

Conversions Part 2

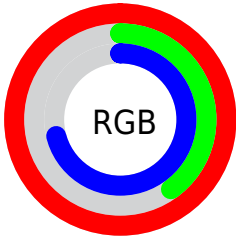
Format	Color
R _Y B	255, 101, 182
Decimal	16737718
CIE _{Lab}	64.92, 66.19, -12.64
CIE _{LCh}	65, 67.385, 349.188
Y _{xy}	33.9448, 0.3989, 0.2492
Android (android.graphics.Color)	4294927798 (0xFFFF65B6)
YUV	156.2800, 12.6800, 86.5774
Hunter-Lab	58.2621, 64.5162, -8.0064

Details

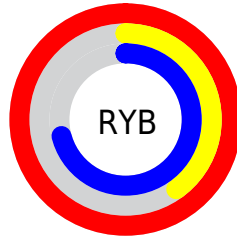
The Hex color **FF65B6** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65FFAE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FF9FEE**, and **C22681** is the 20% darker color. If you saturate the color by 10%, you get **FF4BAA**, and if you desaturate by 10%, it is **FF7EC2**.

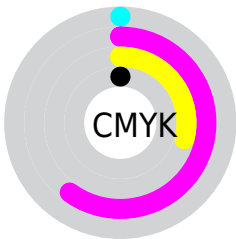
Distribution



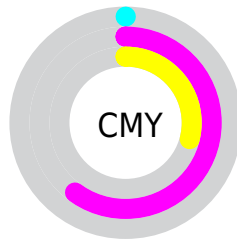
- Red (100%)
- Green (40%)
- Blue (71%)



- Red (100%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF65B6 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 FF65B6 by changing the saturation by 10% instead.

 FF65B6

 FF65B6

FFFFFF

 E1479B

 FF9FEE

 C22681

 FFBBFF

 A50068

 FFD9FF

 880050

 FFF7FF

 6B0039

 4F0023

 34000B

 030000

 000000

 FF65B6

 FF65B6

 FF4BAA

 FF7EC2

 FF329E

 FF98CE

 FF1892

 FFB2DA

 FF0086

 FFCBE6

 FFE4F2

FFFEFF

FFFFFF

Harmonies

Analogous

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



D07CED



FF65B6



FF657A

Triad

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



FF65B6



97A617



00B6F8

Complementary

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



FF65B6



65FFAE

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.



00BAC3



FF65B6



4BB249

Square

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



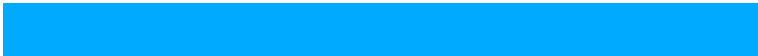
FF65B6



CE9315



00B885



00ABFF

Rectangle

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



FF65B6



FF7254



00B885



00B8E8

Sweetspot

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



FF65B6



FFD1E9



AD65FF



806372



000000



808080

Same Dimension

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



FF65B6



FF47A8



FF656A



807379



BF0065



400022

Inverse Universe

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



FF65B6



FF47A8



65FFFA



807379



BF0065



400022

Previews

White Background



This preview shows how the Hex color FF65B6 looks on a white background.

Color Contrast Check

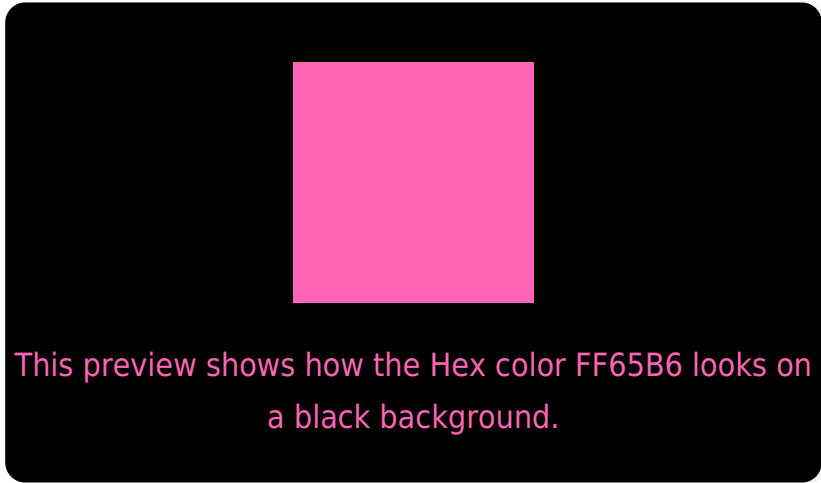
Large Text (above 18pt) WCAG AA × Fail

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 FF65B6 Background



This preview shows how black text looks on a background with the Hex color FF65B6.

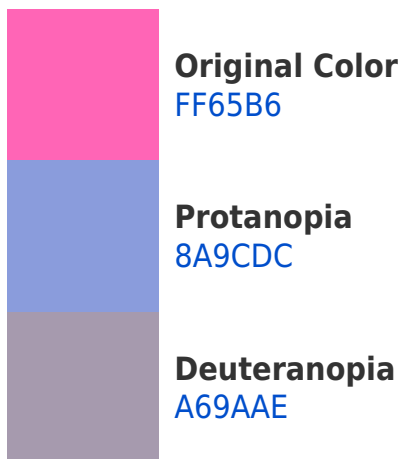


This preview shows how white text looks on a background with the Hex color FF65B6.

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
FA737A

Trichromacy



Original Color
FF65B6



Protanomaly
B588CE



Deuteranomaly
C687B1



Tritanomaly
FC6E90

Monochromacy



Original Color
FF65B6



Achromatopsia
9C9C9C



Achromatomaly
C088A5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF65B6 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 #FF65B6 looks like.

```
.text, #text, p{  
    color:#FF65B6  
}
```

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 #FF65B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF65B6
}
```

Border

The CSS property to change the border of an element to Hex FF65B6 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
#FF65B6 }
```

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

```
.border{ border-color:#FF65B6 }
```

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

Here you see how a box with a 4 pixel #FF65B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF65B6; -webkit-box-shadow:4px 4px  
4px 4px #FF65B6; box-shadow:4px 4px 4px  
4px #FF65B6 }
```

Background

The CSS property to change the background color of an element to Hex FF65B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF65B6 }
```

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

```
.background{ background-color:#FF65B6 }
```

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