

# Converting Colors

Hex(FC65C4)

Have a look what the booklet for  
Hex(FC65C4) contains.

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# Color

**Hex(FC65C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC65C4
RGB	252, 101, 196
RGB Percent	99%, 40%, 77%
CMY	0.0118, 0.6039, 0.2314
CMYK	0.00, 0.60, 0.22, 0.01
HSL	322°, 96%, 69%
HSV	322°, 60%, 99%
XYZ	54.7624, 33.9883, 55.8987
YIQ	156.9790, 59.5010, 61.5570

# Conversions

## Conversions Part 2

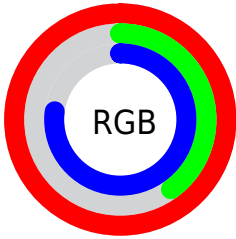
Format	Color
<a href="#">RYB</a>	<a href="#">252, 101, 196</a>
Decimal	<a href="#">16541124</a>
CIELab	<a href="#">64.95, 67.12, -20.57</a>
CIELCh	<a href="#">65, 70.200, 342.962</a>
Yxy	<a href="#">33.9883, 0.3786, 0.2350</a>
Android (android.graphics.Color)	<a href="#">4294731204 (0xFFFC65C4)</a>
YUV	<a href="#">156.9790, 19.2374, 83.3334</a>
Hunter-Lab	<a href="#">58.2995, 65.6459, -16.0387</a>

# Details

The Hex color **FC65C4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65FC9D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FF9FFD**, and **C0268E** is the 20% darker color. If you saturate the color by 10%, you get **FC4CBB**, and if you desaturate by 10%, it is **FC7ECD**.

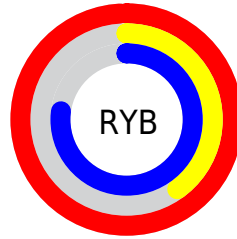
# Distribution



Red (99%)

Green (40%)

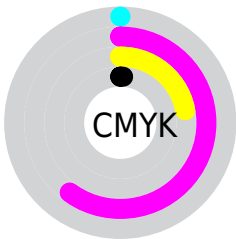
Blue (77%)



Red (99%)

Yellow (40%)

Blue (77%)

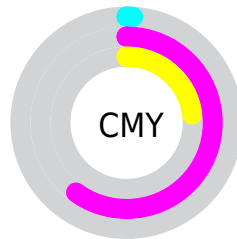


Cyan (0%)

Magenta (60%)

Yellow (22%)

Black (1%)



Cyan (1%)

Magenta (60%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC65C4 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 FC65C4 by changing the saturation by 10% instead.



 FC65C4

 FC65C4

FFFFFF

 DE47A9

 FF9FFD

 C0268E

 FFBCFF

 A30074

 FFD9FF

 86005C

 FFF7FF

 690044

 4E002D

 330018

 060000

 000000

FC65C4

FC65C4

FC4CBB

FC7ECD

FC33B1

FC97D7

FC19A8

FCB1E0

FC009F

FCCA E9

FCE3F3

FCFCFC

FCFFFF

# Harmonies

## Analogous

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



C380FA



FC65C4



FF5E85

# Triad

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



FC65C4



A3A300



00B8F2

# Complementary

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



FC65C4



65FC9D

# 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.



00BBB8



FC65C4



5BB139

# Square

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



FC65C4



D98D14



00B876



00AFFF

# Rectangle

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



FC65C4



FF6A5D



00B876



00BAE1



# Sweetspot

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



FC65C4



FFD1EE



9C65FC



806375



000000



808080



# Same Dimension

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



FC65C4



FF47BB



FC6579



7D7078



BD0077



3D0027



# Inverse Universe

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



FC65C4



FF47BB



65FCE8



7D7078



BD0077



3D0027



# Previews

## White Background



This preview shows how the Hex color FC65C4 looks on a white background.

## Color Contrast Check

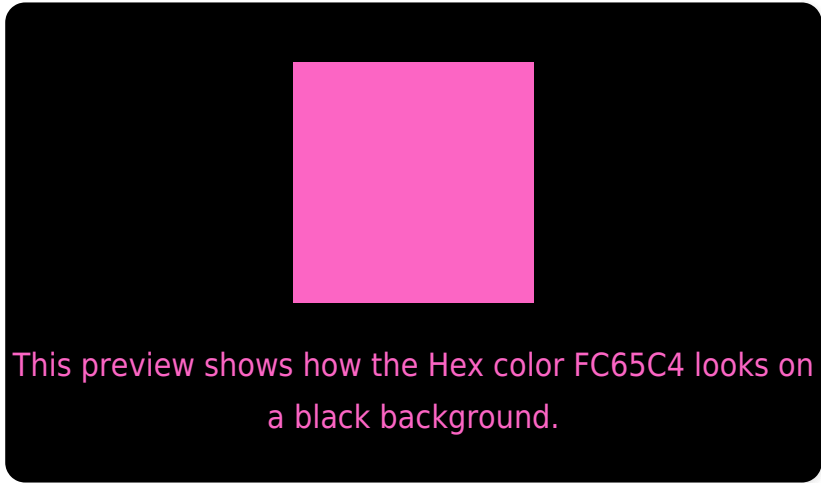
Large Text (above 18pt) WCAG AA × Fail

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 FC65C4 Background



This preview shows how black text looks on a background with the Hex color FC65C4.



This preview shows how white text looks on a background with the Hex color FC65C4.

# 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**  
F6767E

# Trichromacy



**Original Color**  
FC65C4



**Protanomaly**  
AE87DD



**Deuteranomaly**  
C187BF



**Tritanomaly**  
F87097

# Monochromacy



**Original Color**  
FC65C4



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
C089AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC65C4 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 #FC65C4 looks like.

```
.text, #text, p{  
    color:#FC65C4  
}
```

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 #FC65C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC65C4
}
```

## Border

The CSS property to change the border of an element to Hex FC65C4 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
#FC65C4 }
```

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

```
.border{ border-color:#FC65C4 }
```

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

Here you see how a box with a 4 pixel #FC65C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC65C4; -webkit-box-shadow:4px 4px  
4px 4px #FC65C4; box-shadow:4px 4px 4px  
4px #FC65C4 }
```

# Background

The CSS property to change the background color of an element to Hex FC65C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC65C4 }
```

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

```
.background{ background-color:#FC65C4 }
```

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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