

# Converting Colors

Hex(FB5C70)

Have a look what the booklet for  
Hex(FB5C70) contains.

<b>Hex(FB5C70)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FB5C70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB5C70
RGB	251, 92, 112
RGB Percent	98%, 36%, 44%
CMY	0.0157, 0.6392, 0.5608
CMYK	0.00, 0.63, 0.55, 0.02
HSL	352°, 95%, 67%
HSV	352°, 63%, 98%
XYZ	46.5354, 29.3334, 18.5385
YIQ	141.8210, 88.3440, 39.9280

# Conversions

## Conversions Part 2

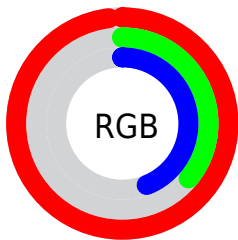
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 92, 112
Decimal	16473200
CIE <sub>Lab</sub>	61.07, 61.86, 22.04
CIE <sub>LCh</sub>	61, 65.670, 19.608
Yxy	29.3334, 0.4929, 0.3107
Android (android.graphics.Color)	4294663280 (0xFFFB5C70)
YUV	141.8210, -14.7018, 95.7500
Hunter-Lab	54.1603, 58.5897, 17.6179

# Details

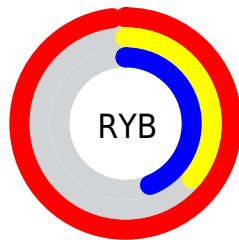
The Hex color **FB5C70** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **5CFBE7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF95A4**, and **BC1B41** is the 20% darker color. If you saturate the color by 10%, you get **FB435A**, and if you desaturate by 10%, it is **FB7586**.

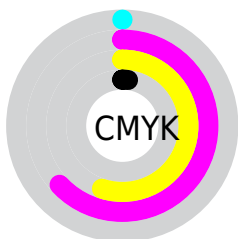
# Distribution



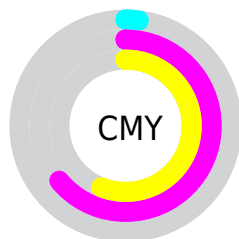
- Red (98%)
- Green (36%)
- Blue (44%)



- Red (98%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (63%)
- Yellow (55%)
- Black (2%)



- Cyan (2%)
- Magenta (64%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB5C70 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 FB5C70 by changing the saturation by 10% instead.



 FB5C70

 FB5C70

FFFFFF

 DC3E58

 FF95A4

 BC1B41

 FFB2BF

 9E002B

 FFCFDA

 7F0017

 FFECF7

 610000

 450003

 250001

 000000

 FB5C70

 FB5C70

 FB435A

 FB7586

 FB2A44

 FB8E9C

 FB112E

 FBA7B2

 FB0020

 FBC0C8

 FBDADE

 FBF3F4

 FBFFFF

# Harmonies

## Analogous

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



F15CAA



FB5C70



E8713B

# Triad

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



FB5C70



41A743



00A0FF

# Complementary

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



FB5C70



5CFBE7

# 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.



00ABEB



FB5C70



00AD7D

# Square

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



FB5C70



8B9C0E



00AEB9



6A8DFE

# Rectangle

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



FB5C70



D0821C



00AEB9



00A4FF



# Sweetspot

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



FB5C70



FFCFD5



E65CFB



806266



000000



808080



# Same Dimension

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



FB5C70



FF3D56



FB965C



7D7072



BD0018



3D0008



# Inverse Universe

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



FB5C70



FF3D56



5CC1FB



7D7072



BD0018



3D0008



# Previews

## White Background



This preview shows how the Hex color FB5C70 looks on a white background.

## Color Contrast Check

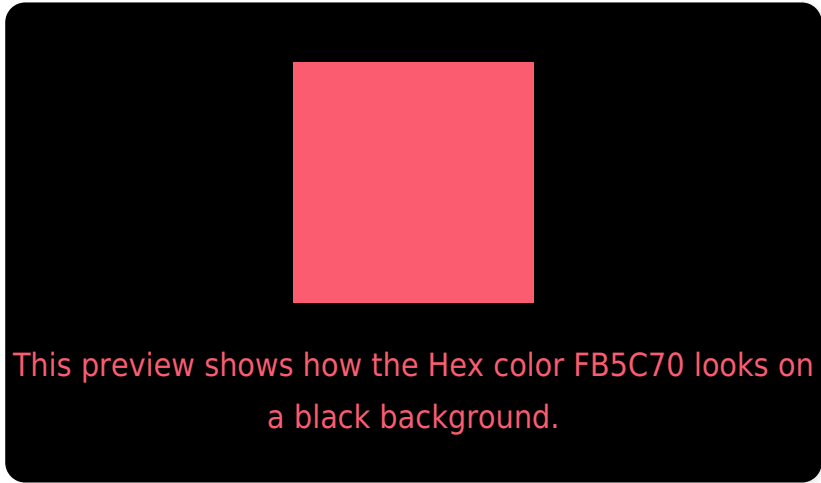
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB5C70 Background



This preview shows how black text looks on a background with the Hex color FB5C70.

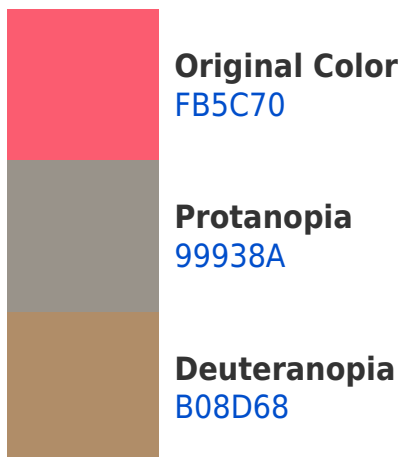


This preview shows how white text looks on a background with the Hex color FB5C70.

# 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](#).

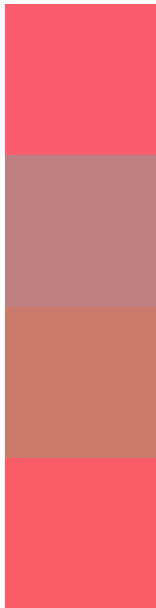
## Dichromacy





**Tritanopia**  
FA5E64

# Trichromacy



**Original Color**  
FB5C70

**Protanomaly**  
BD7F81

**Deuteranomaly**  
CB7B6B

**Tritanomaly**  
FA5D68

# Monochromacy



**Original Color**  
FB5C70

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
B67C83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB5C70 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 #FB5C70 looks like.

```
.text, #text, p{  
    color:#FB5C70  
}
```

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 #FB5C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB5C70
}
```

## Border

The CSS property to change the border of an element to Hex FB5C70 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
#FB5C70 }
```

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

```
.border{ border-color:#FB5C70 }
```

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

Here you see how a box with a 4 pixel #FB5C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB5C70; -webkit-box-shadow:4px 4px  
4px 4px #FB5C70; box-shadow:4px 4px 4px  
4px #FB5C70 }
```

# Background

The CSS property to change the background color of an element to Hex FB5C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB5C70 }
```

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

```
.background{ background-color:#FB5C70 }
```

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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