

# Converting Colors

Hex(FB266B)

Have a look what the booklet for  
Hex(FB266B) contains.

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**Color**

**Hex(FB266B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB266B
RGB	251, 38, 107
RGB Percent	98%, 15%, 42%
CMY	0.0157, 0.8510, 0.5804
CMYK	0.00, 0.85, 0.57, 0.02
HSL	341°, 96%, 57%
HSV	341°, 85%, 98%
XYZ	43.1306, 22.9570, 16.0678
YIQ	109.5530, 104.7990, 66.6150

# Conversions

## Conversions Part 2

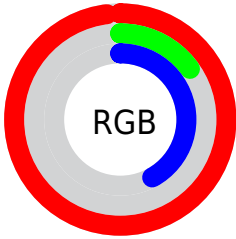
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 38, 107
Decimal	16459371
CIE Lab	55.03, 78.07, 16.77
CIE LCh	55, 79.851, 12.126
Yxy	22.9570, 0.5250, 0.2794
Android (android.graphics.Color)	4294649451 (0xFFFB266B)
YUV	109.5530, -1.2586, 124.0490
Hunter-Lab	47.9135, 76.8331, 13.6565

# Details

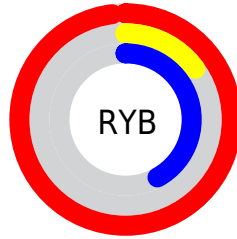
The Hex color **FB266B** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **26FBB6**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6E9E**, and **BB003C** is the 20% darker color. If you saturate the color by 10%, you get **FB0D5A**, and if you desaturate by 10%, it is **FB3F7C**.

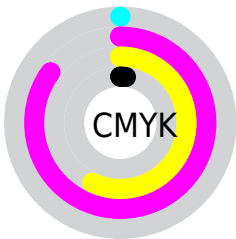
# Distribution



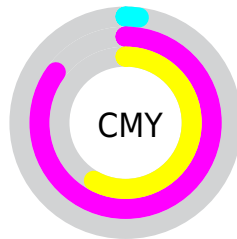
- Red (98%)
- Green (15%)
- Blue (42%)



- Red (98%)
- Yellow (15%)
- Blue (42%)



- Cyan (0%)
- Magenta (85%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (85%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB266B 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 FB266B by changing the saturation by 10% instead.



 FB266B

 FB266B

FFFFFF

 DB0053

 FF6E9E

 BB003C

 FF8CB9

 9B0027

 FFAAD4

 7C0014

 FFC9F1

 5D0003

 FFE7FF

 3E0003

 1B0001

 000000

 FB266B

 FB266B

 FB0D5A

 FB3F7C

 FB0051

 FB588D

 FB719E

 FB8AAF

 FBA4C0

 FBBDD1

 FBD6E2

 FBEFF3

 FBFFFF

# Harmonies

## Analogous

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



E836B0



FB266B



EB4C28

# Triad

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



FB266B



2E9800



0097FF

# Complementary

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



FB266B



26FBB6

# 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.



00A0E0



FB266B



009F56

# Square

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



FB266B



868A00



00A19F



0083FF

# Rectangle

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



FB266B



D16600



00A19F



009BFF



# Sweetspot

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



FB266B



FFBFD4



B426FB



805966



000000



808080



# Same Dimension

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



FB266B



FF0053



FB4A26



7D7075



BD003D



3D0014



# Inverse Universe

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



FB266B



FF0053



26D7FB



7D7075



BD003D



3D0014



# Previews

## White Background



This preview shows how the Hex color FB266B looks on a white background.

## Color Contrast Check

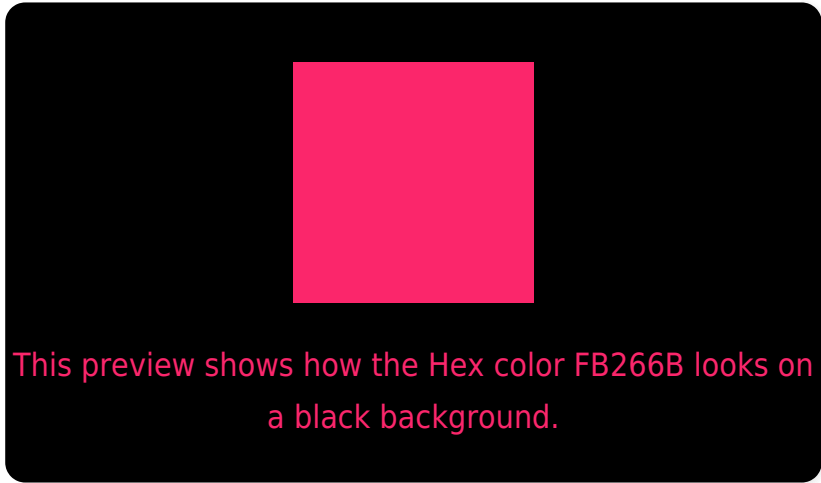
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB266B Background



This preview shows how black text looks on a background with the Hex color FB266B.



This preview shows how white text looks on a background with the Hex color FB266B.

# 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



**Original Color**  
FB266B

**Protanopia**  
818396

**Deuteranopia**  
9C7F61



**Tritanopia**  
F93636

# Trichromacy



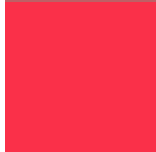
**Original Color**  
FB266B



**Protanomaly**  
AD6186



**Deuteranomaly**  
BF5F65

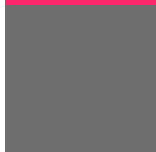


**Tritanomaly**  
FA3049

# Monochromacy



**Original Color**  
FB266B



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
A1546D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB266B 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 #FB266B looks like.

```
.text, #text, p{  
    color:#FB266B  
}
```

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 #FB266B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB266B
}
```

## Border

The CSS property to change the border of an element to Hex FB266B 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
#FB266B }
```

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

```
.border{ border-color:#FB266B }
```

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

Here you see how a box with a 4 pixel #FB266B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB266B; -webkit-box-shadow:4px 4px  
4px 4px #FB266B; box-shadow:4px 4px 4px  
4px #FB266B }
```

# Background

The CSS property to change the background color of an element to Hex FB266B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB266B }
```

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

```
.background{ background-color:#FB266B }
```

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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