

# Converting Colors

Hex(FD226B)

Have a look what the booklet for  
Hex(FD226B) contains.

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**Color**

**Hex(FD226B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD226B
RGB	253, 34, 107
RGB Percent	99%, 13%, 42%
CMY	0.0078, 0.8667, 0.5804
CMYK	0.00, 0.87, 0.58, 0.01
HSL	340°, 98%, 56%
HSV	340°, 87%, 99%
XYZ	43.7339, 23.0882, 16.0614
YIQ	107.8030, 107.0910, 69.1310

# Conversions

## Conversions Part 2

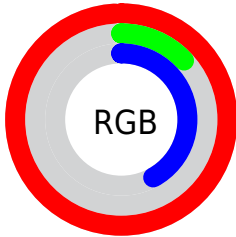
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 34, 107
Decimal	16589419
CIE <sub>Lab</sub>	55.16, 79.27, 17.02
CIE <sub>LCh</sub>	55, 81.077, 12.118
Yxy	23.0882, 0.5277, 0.2786
Android (android.graphics.Color)	4294779499 (0xFFFD226B)
YUV	107.8030, -0.3959, 127.3378
Hunter-Lab	48.0502, 78.3775, 13.8168

# Details

The Hex color **FD226B** 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 **22FDB4**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6C9E**, and **BD003C** is the 20% darker color. If you saturate the color by 10%, you get **FD095A**, and if you desaturate by 10%, it is **FD3B7C**.

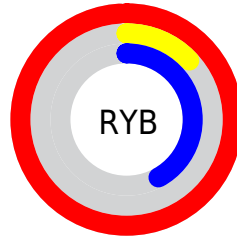
# Distribution



Red (99%)

Green (13%)

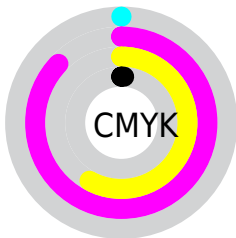
Blue (42%)



Red (99%)

Yellow (13%)

Blue (42%)

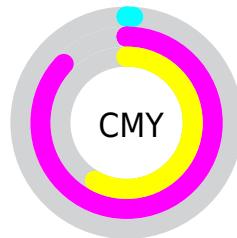


Cyan (0%)

Magenta (87%)

Yellow (58%)

Black (1%)



Cyan (1%)

Magenta (87%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD226B 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 FD226B by changing the saturation by 10% instead.



 FD226B

 FD226B

FFFFFF

 DD0053

 FF6C9E

 BD003C

 FF8BB9

 9D0027

 FFA9D4

 7E0014

 FFC7F1

 5F0003

 FFE6FF

 400003

 1D0001

 000000

 FD226B

 FD226B

 FD095A

 FD3B7C

 FD0054

 FD558D

 FD6E9E

 FD87AE

 FDA0BF

 FDBAD0

 FDD3E1

 FDECF2

FDFFFF

# Harmonies

## Analogous

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



EA34B1



FD226B



EC4B26

# Triad

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



FD226B



2B9800



0098FF

# Complementary

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



FD226B



22FDB4

# 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.



00A1E2



FD226B



00A056

# Square

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



FD226B



868A00



00A2A0



0084FF

# Rectangle

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



FD226B



D26600



00A2A0



009CFF



# Sweetspot

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



FD226B



FFBDD3



B422FD



805865



000000



808080



# Same Dimension

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



FD226B



FF0055



FD4622



807377



BF0040



400015



# Inverse Universe

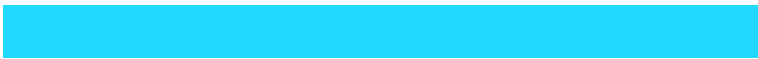
The Inverse Universe completely reimagines the original color for something new.



FD226B



FF0055



22D8FD



807377



BF0040



400015



# Previews

## White Background



This preview shows how the Hex color FD226B looks on a white background.

## Color Contrast Check

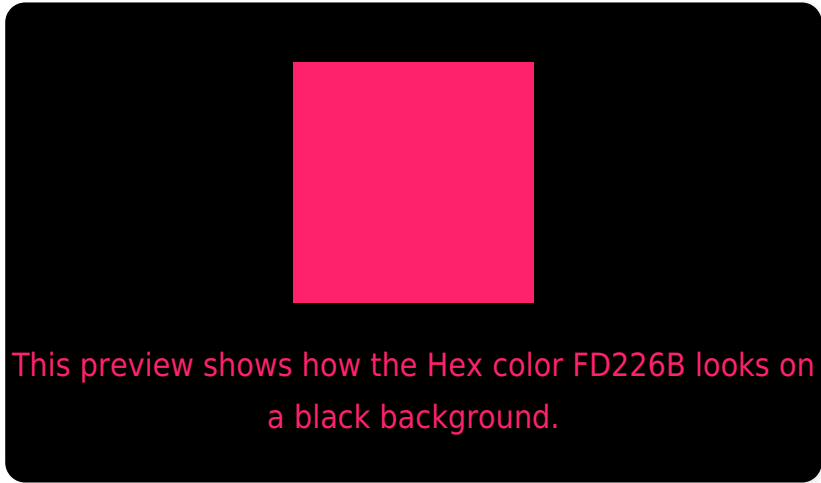
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD226B Background



This preview shows how black text looks on a background with the Hex color FD226B.

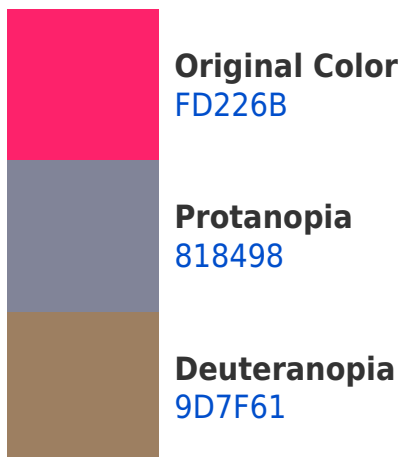


This preview shows how white text looks on a background with the Hex color FD226B.

# 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





# Trichromacy



**Original Color**  
FD226B



**Protanomaly**  
AE6088



**Deuteranomaly**  
C05D65



**Tritanomaly**  
FC2D48

# Monochromacy



**Original Color**  
FD226B



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
A1516C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD226B 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 #FD226B looks like.

```
.text, #text, p{  
    color:#FD226B  
}
```

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 #FD226B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD226B
}
```

## Border

The CSS property to change the border of an element to Hex FD226B 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
#FD226B }
```

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

```
.border{ border-color:#FD226B }
```

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

Here you see how a box with a 4 pixel #FD226B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD226B; -webkit-box-shadow:4px 4px  
4px 4px #FD226B; box-shadow:4px 4px 4px  
4px #FD226B }
```

# Background

The CSS property to change the background color of an element to Hex FD226B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD226B }
```

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

```
.background{ background-color:#FD226B }
```

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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