

# Converting Colors

Hex(FD2766)

Have a look what the booklet for  
Hex(FD2766) contains.

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# Color

**Hex(FD2766)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FD2766                      |
| RGB         | 253, 39, 102                |
| RGB Percent | 99%, 15%, 40%               |
| CMY         | 0.0078, 0.8471, 0.6000      |
| CMYK        | 0.00, 0.85, 0.60, 0.01      |
| HSL         | 342°, 98%, 57%              |
| HSV         | 342°, 85%, 99%              |
| XYZ         | 43.6318, 23.2930, 14.7667   |
| YIQ         | 110.1680, 107.3210, 64.9610 |

# Conversions

## Conversions Part 2

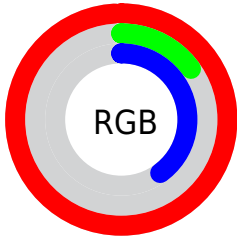
| <b>Format</b>                       | <b>Color</b>                                |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">253, 39, 102</a>                |
| Decimal                             | <a href="#">16590694</a>                    |
| CIELab                              | <a href="#">55.37, 78.07, 20.30</a>         |
| CIElCh                              | <a href="#">55, 80.663, 14.577</a>          |
| Yxy                                 | <a href="#">23.2930, 0.5341, 0.2851</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4294780774</a><br>(0xFFFD2766)  |
| YUV                                 | <a href="#">110.1680, -4.0268, 125.2637</a> |
| Hunter-Lab                          | <a href="#">48.2628, 76.9123, 15.6433</a>   |

# Details

The Hex color **FD2766** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **27FDBE**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6E99**, and **BD0038** is the 20% darker color. If you saturate the color by 10%, you get **FD0E54**, and if you desaturate by 10%, it is **FD4078**.

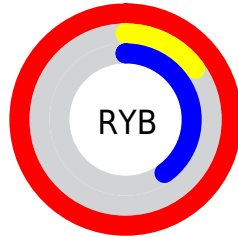
# Distribution



Red (99%)

Green (15%)

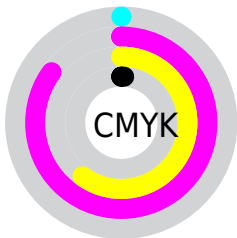
Blue (40%)



Red (99%)

Yellow (15%)

Blue (40%)

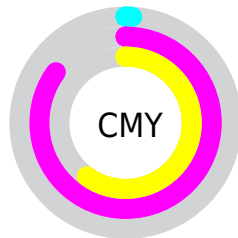


Cyan (0%)

Magenta (85%)

Yellow (60%)

Black (1%)



Cyan (1%)

Magenta (85%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD2766 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 FD2766 by changing the saturation by 10% instead.



 FD2766

 FD2766

FFFFFF

 DD004E

 FF6E99

 BD0038

 FF8DB3

 9D0023

 FFABCF

 7D000F

 FFC9EB

 5E0003

 FFE8FF

 400003

 1C0001

 000000

 FD2766

 FD2766

 FD0E54

 FD4078

 FD004A

 FD5A8A

 FD739C

 FD8CAD

 FDA6BF

 FDBFD1

 FDD8E3

 FDF1F5

FDFFFF

# Harmonies

## Analogous

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



ED32AC



FD2766



EA5021

# Triad

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



FD2766



1D9A00



0097FF

# Complementary

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



FD2766



27FDBE

# 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.



00A1E6



FD2766



00A05D

# Square

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



FD2766



818C00



00A3A6



0082FF

# Rectangle

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



FD2766



CF6900



00A3A6



009BFF



# Sweetspot

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



FD2766



FFBFD2



BD27FD



805965



000000



808080



# Same Dimension

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



FD2766



FF004B



FD5227



807377



BF0038



400013



# Inverse Universe

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



FD2766



FF004B



27D2FD



807377



BF0038



400013



# Previews

## White Background



This preview shows how the Hex color FD2766 looks on a white background.

## Color Contrast Check

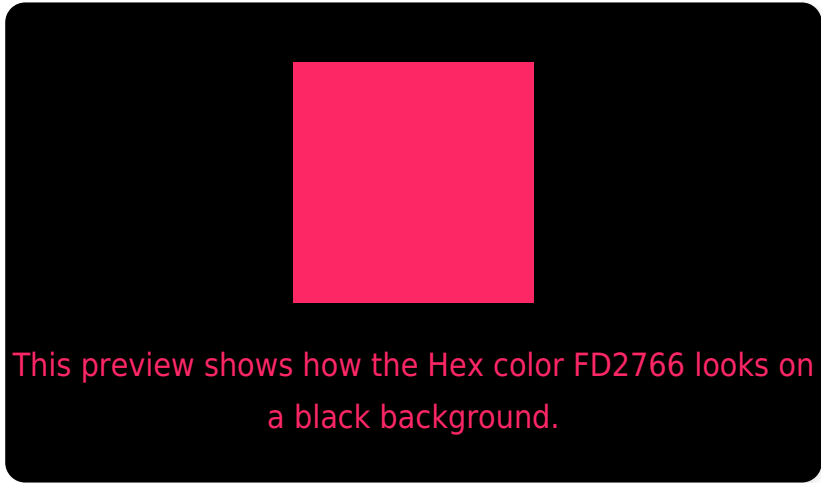
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD2766 Background



This preview shows how black text looks on a background with the Hex color FD2766.



This preview shows how white text looks on a background with the Hex color FD2766.

# 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**  
FD2766



**Protanomaly**  
B06281



**Deuteranomaly**  
C15F60



**Tritanomaly**  
FC3047

# Monochromacy



**Original Color**  
FD2766



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
A2546B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD2766 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 #FD2766 looks like.

```
.text, #text, p{  
    color:#FD2766  
}
```

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 #FD2766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD2766
}
```

## Border

The CSS property to change the border of an element to Hex FD2766 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
#FD2766 }
```

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

```
.border{ border-color:#FD2766 }
```

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

Here you see how a box with a 4 pixel #FD2766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD2766; -webkit-box-shadow:4px 4px  
4px 4px #FD2766; box-shadow:4px 4px 4px  
4px #FD2766 }
```

# Background

The CSS property to change the background color of an element to Hex FD2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD2766 }
```

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

```
.background{ background-color:#FD2766 }
```

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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