

# Converting Colors

Hex(FF285D)

Have a look what the booklet for  
Hex(FF285D) contains.

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**Color**

**Hex(F F 2 8 5 D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF285D
RGB	255, 40, 93
RGB Percent	100%, 16%, 36%
CMY	0.0000, 0.8431, 0.6353
CMYK	0.00, 0.84, 0.64, 0.00
HSL	345°, 100%, 58%
HSV	345°, 84%, 100%
XYZ	43.9746, 23.5679, 12.5873
YIQ	110.3270, 111.1270, 62.0630

# Conversions

## Conversions Part 2

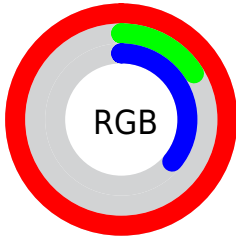
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 40, 93
Decimal	16722013
CIE Lab	55.65, 77.87, 26.11
CIE LCh	56, 82.129, 18.537
Yxy	23.5679, 0.5488, 0.2941
Android (android.graphics.Color)	4294912093 (0xFFFF285D)
YUV	110.3270, -8.5422, 126.8782
Hunter-Lab	48.5468, 76.7318, 18.6100

# Details

The Hex color **FF285D** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **28FFCA**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6F8F**, and **BE0030** is the 20% darker color. If you saturate the color by 10%, you get **FF0F4A**, and if you desaturate by 10%, it is **FF4270**.

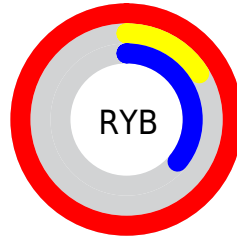
# Distribution



Red (100%)

Green (16%)

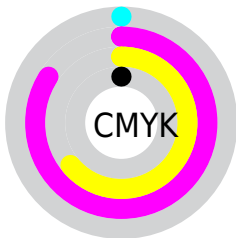
Blue (36%)



Red (100%)

Yellow (16%)

Blue (36%)

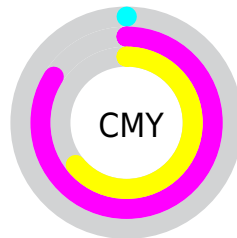


Cyan (0%)

Magenta (84%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF285D 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 FF285D by changing the saturation by 10% instead.



 FF285D

 FF285D

FFFFFF

 DE0046

 FF6F8F

 BE0030

 FF8EA9

 9E001C

 FFACC4

 7F0002

 FFCAE0

 5F0003

 FFE8FD

 400003

 1E0001

 000000

 FF285D

 FF285D

 FF0F4A

 FF4270

 FF003F

 FF5B83

 FF7597

 FF8EAA

 FFA8BD

 FFC1D0

 FFD8E3

 FFF4F7

FFFFFF

# Harmonies

## Analogous

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



F42AA4



FF285D



E75513

# Triad

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



FF285D



009C12



0096FF

# Complementary

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



FF285D



28FFCA

# 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.



00A1F0



FF285D



00A267

# Square

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



FF285D



788F00



00A4B1



187FFF

# Rectangle

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



FF285D



CA6E00



00A4B1



009BFF



# Sweetspot

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



FF285D



FFBFCF



C928FF



805963



000000



808080



# Same Dimension

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



FF285D



FF003F



FF5E28



807376



BF002F



400010



# Inverse Universe

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



FF285D



FF003F



28C9FF



807376



BF002F



400010



# Previews

## White Background



This preview shows how the Hex color FF285D looks on a white background.

## Color Contrast Check

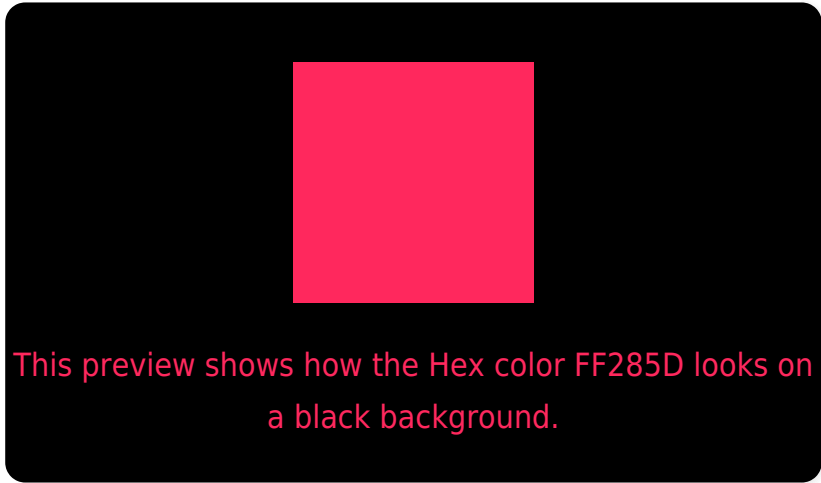
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF285D Background



This preview shows how black text looks on a background with the Hex color FF285D.



This preview shows how white text looks on a background with the Hex color FF285D.

# 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**  
FE3333

# Trichromacy



**Original Color**  
FF285D



**Protanomaly**  
B46375



**Deuteranomaly**  
C46056



**Tritanomaly**  
FE2F42

# Monochromacy



**Original Color**  
FF285D



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
A35568

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF285D 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 #FF285D looks like.

```
.text, #text, p{  
    color:#FF285D  
}
```

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 #FF285D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF285D
}
```

## Border

The CSS property to change the border of an element to Hex FF285D 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
#FF285D }
```

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

```
.border{ border-color:#FF285D }
```

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

Here you see how a box with a 4 pixel #FF285D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF285D; -webkit-box-shadow:4px 4px  
4px 4px #FF285D; box-shadow:4px 4px 4px  
4px #FF285D }
```

# Background

The CSS property to change the background color of an element to Hex FF285D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF285D }
```

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

```
.background{ background-color:#FF285D }
```

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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