

# Converting Colors

Hex(FD2245)

Have a look what the booklet for  
Hex(FD2245) contains.

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**Color**

**Hex(FD2245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD2245
RGB	253, 34, 69
RGB Percent	99%, 13%, 27%
CMY	0.0078, 0.8667, 0.7294
CMYK	0.00, 0.87, 0.73, 0.01
HSL	350°, 98%, 56%
HSV	350°, 87%, 99%
XYZ	42.1542, 22.4564, 7.7430
YIQ	103.4710, 119.2890, 57.3130

# Conversions

## Conversions Part 2

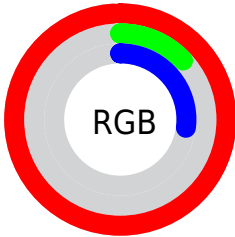
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 34, 69
Decimal	16589381
CIE <sub>Lab</sub>	54.51, 77.39, 38.71
CIE <sub>LCh</sub>	55, 86.529, 26.571
Yxy	22.4564, 0.5826, 0.3104
Android (android.graphics.Color)	4294779461 (0xFFFD2245)
YUV	103.4710, -16.9942, 131.1369
Hunter-Lab	47.3882, 75.8557, 23.4841

# Details

The Hex color **FD2245** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **22FDDA**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6B75**, and **BB001A** is the 20% darker color. If you saturate the color by 10%, you get **FD0930**, and if you desaturate by 10%, it is **FD3B5A**.

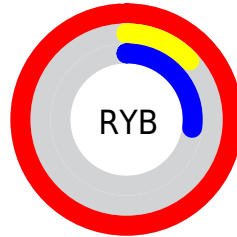
# Distribution



Red (99%)

Green (13%)

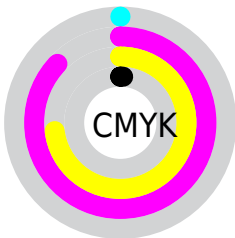
Blue (27%)



Red (99%)

Yellow (13%)

Blue (27%)

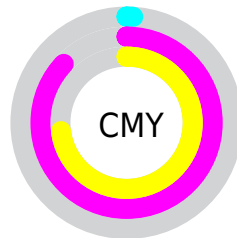


Cyan (0%)

Magenta (87%)

Yellow (73%)

Black (1%)



Cyan (1%)

Magenta (87%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD2245 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 FD2245 by changing the saturation by 10% instead.



 FD2245

 FD2245

FFFFFF

 DC002F

 FF6B75

 BB001A

 FF8A8F

 9B0002

 FFA8A9

 7B0000

 FFC6C5

 5B0003

 FFE4E1

 3C0003

FFFFFFD

 170000

 000000

 FD2245

 FD2245

 FD0930

 FD3B5A

 FD0028

 FD5570

 FD6E85

 FD879A

 FDA0AF

 FDBAC5

 FDD3DA

 FDECEF

FDFFFF

# Harmonies

## Analogous

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



FD008E



FD2245



DC5A00

# Triad

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



FD2245



009C24



008FFF

# Complementary

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



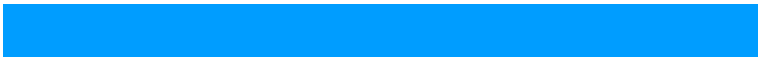
FD2245



22FDDA

# 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.



009DFF



FD2245



00A177

# Square

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



FD2245



5D9100



00A2C4



5E72FF

# Rectangle

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



FD2245



BA7300



00A2C4



0095FF



# Sweetspot

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



FD2245



FFBDC7



D922FD



80585E



000000



808080



# Same Dimension

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



FD2245



FF0029



FD6B22



807375



BF001F



40000A



# Inverse Universe

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



FD2245



FF0029



22B4FD



807375



BF001F



40000A



# Previews

## White Background



This preview shows how the Hex color FD2245 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 FD2245 Background



This preview shows how black text looks on a background with the Hex color FD2245.



This preview shows how white text looks on a background with the Hex color FD2245.

# 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**  
FD2245

**Protanopia**  
8C8364

**Deuteranopia**  
A27C38



# Trichromacy



**Original Color**  
FD2245

**Protanomaly**  
B56059

**Deuteranomaly**  
C35B3D

**Tritanomaly**  
FC2632

# Monochromacy



**Original Color**  
FD2245

**Achromatopsia**  
676767

**Achromatomaly**  
9E4E5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD2245 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 #FD2245 looks like.

```
.text, #text, p{  
    color:#FD2245  
}
```

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 #FD2245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD2245 }  
}
```

## Border

The CSS property to change the border of an element to Hex FD2245 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 #FD2245 }  
}
```

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

```
.border{ border-color:#FD2245 }
```

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

Here you see how a box with a 4 pixel #FD2245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD2245; -webkit-box-shadow:4px 4px  
4px 4px #FD2245; box-shadow:4px 4px 4px  
4px #FD2245 }
```

# Background

The CSS property to change the background color of an element to Hex FD2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD2245 }
```

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

```
.background{ background-color:#FD2245 }
```

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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