

# Converting Colors

Hex(FD2243)

Have a look what the booklet for  
Hex(FD2243) contains.

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**Color**

**Hex(FD2243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD2243
RGB	253, 34, 67
RGB Percent	99%, 13%, 26%
CMY	0.0078, 0.8667, 0.7373
CMYK	0.00, 0.87, 0.74, 0.01
HSL	351°, 98%, 56%
HSV	351°, 87%, 99%
XYZ	42.0932, 22.4319, 7.4214
YIQ	103.2430, 119.9310, 56.6910

# Conversions

## Conversions Part 2

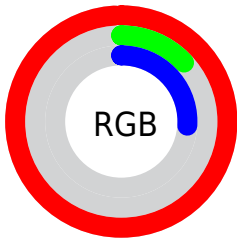
Format	Color
<a href="#">RYB</a>	<a href="#">253, 34, 67</a>
Decimal	<a href="#">16589379</a>
CIELab	<a href="#">54.48, 77.32, 39.82</a>
CIElCh	<a href="#">54, 86.970, 27.252</a>
Yxy	<a href="#">22.4319, 0.5851, 0.3118</a>
Android (android.graphics.Color)	<a href="#">4294779459</a> (0xFFFD2243)
YUV	<a href="#">103.2430, -17.8678, 131.3369</a>
Hunter-Lab	<a href="#">47.3624, 75.7571, 23.8632</a>

# Details

The Hex color **FD2243** 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 **22FDDC**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6B73**, and **BB0018** is the 20% darker color. If you saturate the color by 10%, you get **FD092E**, and if you desaturate by 10%, it is **FD3B58**.

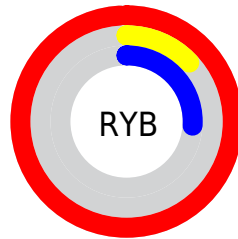
# Distribution



Red (99%)

Green (13%)

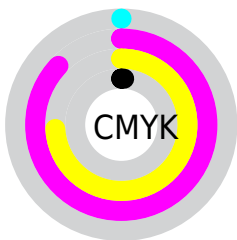
Blue (26%)



Red (99%)

Yellow (13%)

Blue (26%)

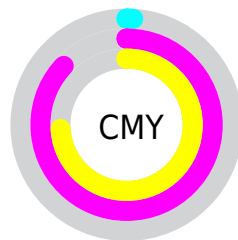


Cyan (0%)

Magenta (87%)

Yellow (74%)

Black (1%)



Cyan (1%)

Magenta (87%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD2243 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 FD2243 by changing the saturation by 10% instead.



 FD2243

 FD2243

FFFFFF

 DC002D

 FF6B73

 BB0018

 FF8A8D

 9B0000

 FFA8A7

 7A0000

 FFC6C2

 5B0003

 FFE4DE

 3C0003

FFFFFFB

 160000

 000000

 FD2243

 FD2243

 FD092E

 FD3B58

 FD0026

 FD556E

 FD6E83

 FD8799

 FDA0AE

 FDBAC4

 FDD3D9

 FDECEF

FDFFFF

# Harmonies

## Analogous

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



FE008D



FD2243



DB5A00

# Triad

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



FD2243



009C25



008FFF

# Complementary

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



FD2243



22FDCC

# 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



FD2243



00A179

# Square

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



FD2243



5A9200



00A2C6



6271FF

# Rectangle

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



FD2243



B97300



00A2C6



0095FF



# Sweetspot

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



FD2243



FFBDC7



D922FD



80585E



000000



808080



# Same Dimension

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



FD2243



FF0026



FD6B22



807375



BF001D



40000A



# Inverse Universe

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



FD2243



FF0026



22B4FD



807375



BF001D



40000A



# Previews

## White Background



This preview shows how the Hex color FD2243 looks on a white background.

## Color Contrast Check

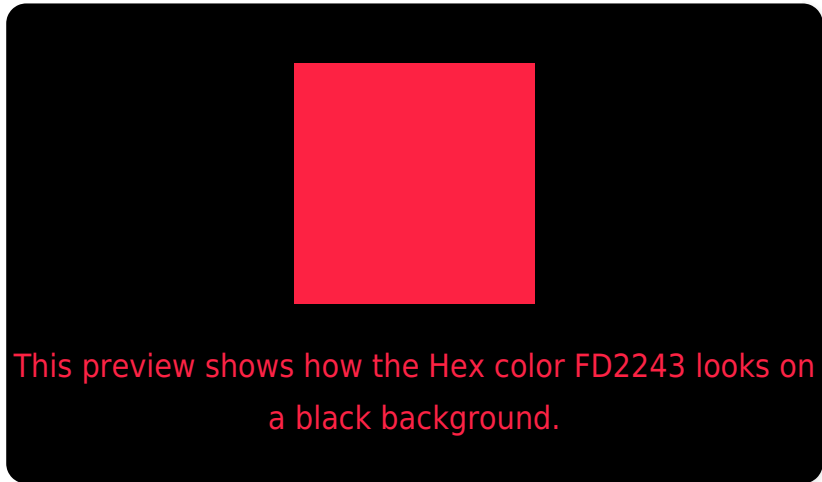
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD2243 Background



This preview shows how black text looks on a background with the Hex color FD2243.



This preview shows how white text looks on a background with the Hex color FD2243.

# 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**  
FD2243

**Protanopia**  
8C8362

**Deuteranopia**  
A37C36



# Trichromacy



**Original Color**  
FD2243



**Protanomaly**  
B56057



**Deuteranomaly**  
C45B3B



**Tritanomaly**  
FC2631

# Monochromacy



**Original Color**  
FD2243



**Achromatopsia**  
676767



**Achromatomaly**  
9E4E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD2243 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 #FD2243 looks like.

```
.text, #text, p{  
    color:#FD2243  
}
```

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 #FD2243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD2243
}
```

## Border

The CSS property to change the border of an element to Hex FD2243 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
#FD2243 }
```

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

```
.border{ border-color:#FD2243 }
```

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

Here you see how a box with a 4 pixel #FD2243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD2243; -webkit-box-shadow:4px 4px  
4px 4px #FD2243; box-shadow:4px 4px 4px  
4px #FD2243 }
```

# Background

The CSS property to change the background color of an element to Hex FD2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD2243 }
```

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

```
.background{ background-color:#FD2243 }
```

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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