

Converting Colors

Hex(FD83D4)

Have a look what the booklet for
Hex(FD83D4) contains.

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Color

Hex(FD83D4)

Conversions

Conversions Part 1

Format	Color
Hex	FD83D4
RGB	253, 131, 212
RGB Percent	99%, 51%, 83%
CMY	0.0078, 0.4863, 0.1686
CMYK	0.00, 0.48, 0.16, 0.01
HSL	320°, 97%, 75%
HSV	320°, 48%, 99%
XYZ	60.5080, 41.8687, 67.1797
YIQ	176.7120, 46.7110, 51.0550

Conversions

Conversions Part 2

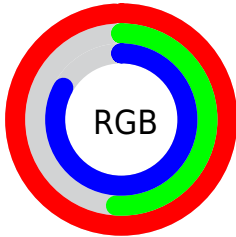
Format	Color
R _{YB}	253, 131, 212
Decimal	16614356
CIE _{Lab}	70.78, 56.07, -20.64
CIE _{LCh}	71, 59.751, 339.789
Yxy	41.8687, 0.3569, 0.2469
Android (android.graphics.Color)	4294804436 (0xFFFD83D4)
YUV	176.7120, 17.3970, 66.9046
Hunter-Lab	64.7060, 53.6835, -16.2624

Details

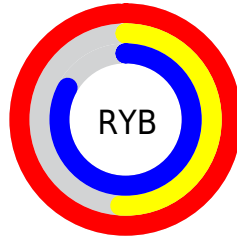
The Hex color **FD83D4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **83FDAC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFBBFF**, and **C24C9D** is the 20% darker color. If you saturate the color by 10%, you get **FD6ACB**, and if you desaturate by 10%, it is **FD9CDD**.

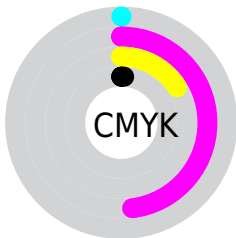
Distribution



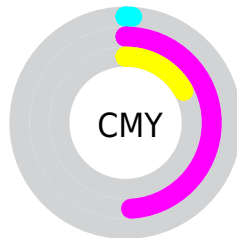
- Red (99%)
- Green (51%)
- Blue (83%)



- Red (99%)
- Yellow (51%)
- Blue (83%)



- Cyan (0%)
- Magenta (48%)
- Yellow (16%)
- Black (1%)



- Cyan (1%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD83D4 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 FD83D4 by changing the saturation by 10% instead.

 FD83D4

 FD83D4

FFFFFF

 DF68B8

 FFBBFF

 C24C9D

 FFD8FF

 A52F83

 FFF5FF

 89096A

 6D0051

 52003A

 3A0025

 1B000C

 000000

 FD83D4

 FD83D4

 FD6ACB

 FD9CDD

 FD50C3

 FDB6E5

 FD37BA

 FDCFEE

 FD1EB2

 FDE8F6

 FD05A9

FDFFFF

 FD00A8

Harmonies

Analogous

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



C897FF



FD83D4



FF7C9D

Triad

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



FD83D4



BAB03A



00C6F1

Complementary

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



FD83D4



83FDAC

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.



00C8BE



FD83D4



7FBE55

Square

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



FD83D4



E99D44



0AC586



00BDFF

Rectangle

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



FD83D4



FF837A



0AC586



00C7E2

Sweetspot

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



FD83D4



FFDBF3



AC83FD



806A78



000000



808080

Same Dimension

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



FD83D4



FF6BCD



FD8397



80737B



BF007F



40002A

Inverse Universe

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



FD83D4



FF6BCD



83FDE9



80737B



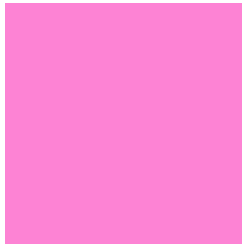
BF007F



40002A

Previews

White Background



This preview shows how the Hex color FD83D4 looks on a white background.

Color Contrast Check

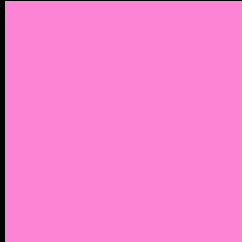
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FD83D4 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FD83D4 Background



This preview shows how black text looks on a background with the Hex color FD83D4.

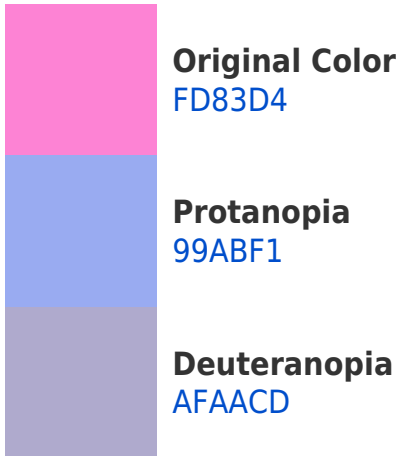


This preview shows how white text looks on a background with the Hex color FD83D4.

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
F78F9A

Trichromacy



Original Color
FD83D4



Protanomaly
BD9CE6



Deuteranomaly
CB9CD0



Tritanomaly
F98BAF

Monochromacy



Original Color
FD83D4



Achromatopsia
B1B1B1



Achromatomaly
CDA0BE

CSS Examples

Text

The CSS property to change the color of the text to Hex FD83D4 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 #FD83D4 looks like.

```
.text, #text, p{  
    color:#FD83D4  
}
```

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 #FD83D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD83D4
}
```

Border

The CSS property to change the border of an element to Hex FD83D4 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
#FD83D4 }
```

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

```
.border{ border-color:#FD83D4 }
```

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

Here you see how a box with a 4 pixel #FD83D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD83D4; -webkit-box-shadow:4px 4px  
4px 4px #FD83D4; box-shadow:4px 4px 4px  
4px #FD83D4 }
```

Background

The CSS property to change the background color of an element to Hex FD83D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD83D4 }
```

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

```
.background{ background-color:#FD83D4 }
```

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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