

Converting Colors

Hex(F83B87)

Have a look what the booklet for
Hex(F83B87) contains.

Hex(F83B87)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F83B87)

Conversions

Conversions Part 1

Format	Color
Hex	F83B87
RGB	248, 59, 135
RGB Percent	97%, 23%, 53%
CMY	0.0275, 0.7686, 0.4706
CMYK	0.00, 0.76, 0.46, 0.03
HSL	336°, 93%, 60%
HSV	336°, 76%, 97%
XYZ	44.6485, 24.8337, 25.3618
YIQ	124.1750, 88.2480, 63.7040

Conversions

Conversions Part 2

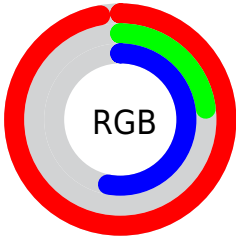
Format	Color
R_{YB}	248, 59, 135
Decimal	16268167
CIE _{Lab}	56.91, 74.40, 2.66
CIE _{LCh}	57, 74.448, 2.044
Yxy	24.8337, 0.4708, 0.2618
Android (android.graphics.Color)	4294458247 (0xFFFF83B87)
YUV	124.1750, 5.3367, 108.5945
Hunter-Lab	49.8334, 72.7198, 4.7088

Details

The Hex color **F83B87** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **3BF8AC**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7BBC**, and **BA0056** is the 20% darker color. If you saturate the color by 10%, you get **F82278**, and if you desaturate by 10%, it is **F85496**.

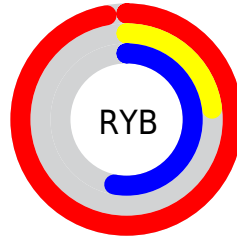
Distribution



Red (97%)

Green (23%)

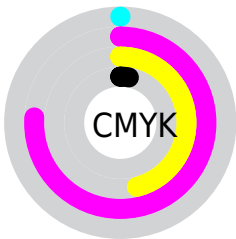
Blue (53%)



Red (97%)

Yellow (23%)

Blue (53%)

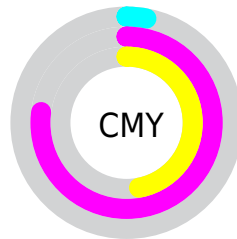


Cyan (0%)

Magenta (76%)

Yellow (46%)

Black (3%)



Cyan (3%)

Magenta (77%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color F83B87 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 F83B87 by changing the saturation by 10% instead.

 F83B87

 F83B87

FFFFFF

 D9066E

 FF7BBC

 BA0056

 FF98D8

 9B003F

 FFB6F4

 7D0029

 FFD4FF

 5E0015

 FFF2FF

 420003

 200001

 000000

 F83B87

 F83B87

 F82278

 F85496

 F80969

 F86DA5

 F80064

 F885B3

 F89EC2

 F8B7D1

 F8D0E0

 F8E9EF

 F8FFFE

 F8FFFF

Harmonies

Analogous

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



D852C7



F83B87



F34D48

Triad

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



F83B87



5E9800



009FFB

Complementary

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



F83B87



3BF8AC

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.



00A5CC



F83B87



00A147

Square

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



F83B87



A18700



00A58B



008FFF

Rectangle

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



F83B87



E0631D



00A58B



00A1EF

Sweetspot

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



F83B87



FFC4DC



A93BF8



805C6A



000000



808080

Same Dimension

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



F83B87



FF1774



F84B3B



7D7075



BD004C



3D0019

Inverse Universe

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



F83B87



FF1774



3BE8F8



7D7075



BD004C



3D0019

Previews

White Background



This preview shows how the Hex color F83B87 looks on a white background.

Color Contrast Check

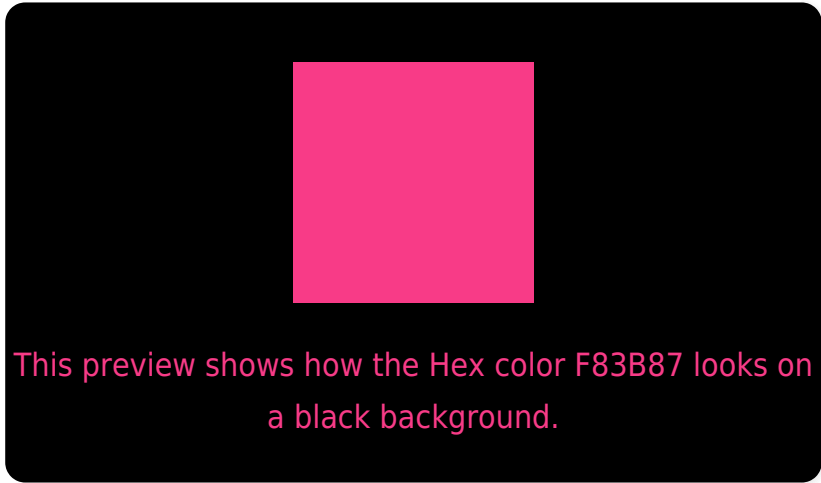
Large Text (above 18pt) WCAG AA ✓ Pass

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 F83B87 Background



This preview shows how black text looks on a background with the Hex color F83B87.



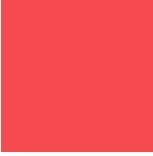
This preview shows how white text looks on a background with the Hex color F83B87.

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
F54A4E

Trichromacy



Original Color
F83B87



Protanomaly
AA6BA4



Deuteranomaly
BC6981



Tritanomaly
F64563

Monochromacy



Original Color
F83B87



Achromatopsia
7C7C7C



Achromatomaly
A96480

CSS Examples

Text

The CSS property to change the color of the text to Hex F83B87 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 #F83B87 looks like.

```
.text, #text, p{  
    color:#F83B87  
}
```

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 #F83B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F83B87
}
```

Border

The CSS property to change the border of an element to Hex F83B87 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
#F83B87 }
```

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

```
.border{ border-color:#F83B87 }
```

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

Here you see how a box with a 4 pixel #F83B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F83B87; -webkit-box-shadow:4px 4px  
4px 4px #F83B87; box-shadow:4px 4px 4px  
4px #F83B87 }
```

Background

The CSS property to change the background color of an element to Hex F83B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F83B87 }
```

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

```
.background{ background-color:#F83B87 }
```

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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