

Converting Colors

Hex(F23BC7)

Have a look what the booklet for
Hex(F23BC7) contains.

Hex(F23BC7)	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(F23BC7)

Conversions

Conversions Part 1

Format	Color
Hex	F23BC7
RGB	242, 59, 199
RGB Percent	95%, 23%, 78%
CMY	0.0510, 0.7686, 0.2196
CMYK	0.00, 0.76, 0.18, 0.05
HSL	314°, 88%, 59%
HSV	314°, 76%, 95%
XYZ	48.4907, 26.1287, 56.5204
YIQ	129.6770, 64.1280, 82.3360

Conversions

Conversions Part 2

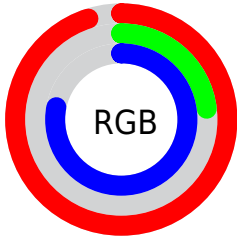
Format	Color
R_{YB}	242, 59, 199
Decimal	15875015
CIE _{Lab}	58.16, 79.87, -32.88
CIE _{LCh}	58, 86.375, 337.628
Yxy	26.1287, 0.3698, 0.1992
Android (android.graphics.Color)	4294065095 (0xFFFF23BC7)
YUV	129.6770, 34.1762, 98.5073
Hunter-Lab	51.1162, 79.8782, -29.7770

Details

The Hex color **F23BC7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3BF266**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7CFF**, and **B50091** is the 20% darker color. If you saturate the color by 10%, you get **F223C1**, and if you desaturate by 10%, it is **F253CD**.

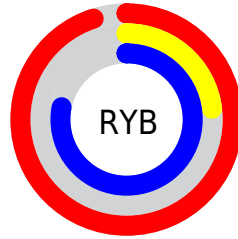
Distribution



Red (95%)

Green (23%)

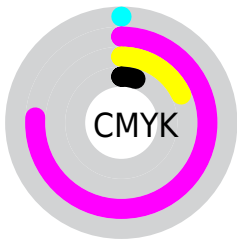
Blue (78%)



Red (95%)

Yellow (23%)

Blue (78%)

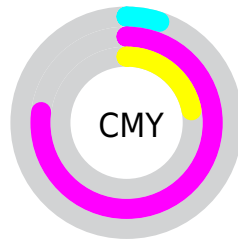


Cyan (0%)

Magenta (76%)

Yellow (18%)

Black (5%)



Cyan (5%)

Magenta (77%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F23BC7 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 F23BC7 by changing the saturation by 10% instead.

 F23BC7

 F23BC7

FFFFFF

 D402AB

 FF7CFF

 B50091

 FF9AFF

 980077

 FFB8FF

 7B005E

 FFD6FF

 5E0045

 FFF4FF

 43002F

 250019

 000000

 F23BC7

 F23BC7

 F223C1

 F253CD

 F20BBC

 F26BD2

 F200B9

 F284D8

 F29CDE

 F2B4E3

 F2CCE9

 F2E4EF

 F2FDF4

 F2FFFA

Harmonies

Analogous

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



A16DFE



F23BC7



FF177C

Triad

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



F23BC7



988F00



00ABE7

Complementary

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



F23BC7



3BF266

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.



00AC9E



F23BC7



41A000

Square

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



F23BC7



D67200



00A84E



00A3FF

Rectangle

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



F23BC7



FF354B



00A84E



00ACD0

Sweetspot

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



F23BC7



FFC4F1



663BF2



805C77



000000



808080

Same Dimension

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



F23BC7



FF17C8



F23B6C



786C75



B8008C



38002B

Inverse Universe

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



F23BC7



FF17C8



3BF2C1



786C75



B8008C



38002B

Previews

White Background



This preview shows how the Hex color F23BC7 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 F23BC7 Background



This preview shows how black text looks on a background with the Hex color F23BC7.



This preview shows how white text looks on a background with the Hex color F23BC7.

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](#).

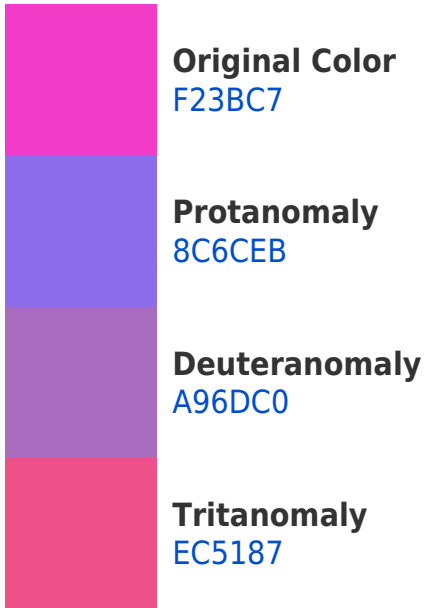
Dichromacy



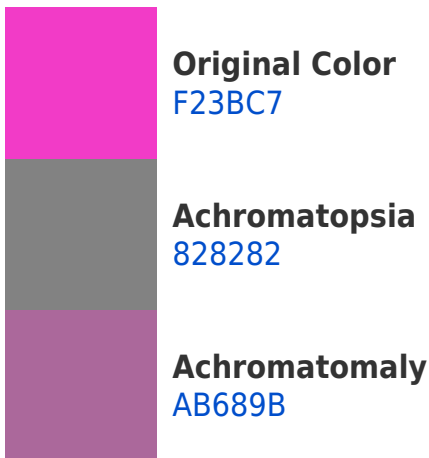


Tritanopia
E95D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F23BC7 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 #F23BC7 looks like.

```
.text, #text, p{  
    color:#F23BC7  
}
```

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 #F23BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23BC7
}
```

Border

The CSS property to change the border of an element to Hex F23BC7 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
#F23BC7 }
```

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

```
.border{ border-color:#F23BC7 }
```

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

Here you see how a box with a 4 pixel #F23BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23BC7; -webkit-box-shadow:4px 4px  
4px 4px #F23BC7; box-shadow:4px 4px 4px  
4px #F23BC7 }
```

Background

The CSS property to change the background color of an element to Hex F23BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23BC7 }
```

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

```
.background{ background-color:#F23BC7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor