

# Converting Colors

Hex(F23AC7)

Have a look what the booklet for  
Hex(F23AC7) contains.

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# **Color**

**Hex(F23AC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F23AC7
RGB	242, 58, 199
RGB Percent	95%, 23%, 78%
CMY	0.0510, 0.7725, 0.2196
CMYK	0.00, 0.76, 0.18, 0.05
HSL	314°, 88%, 59%
HSV	314°, 76%, 95%
XYZ	48.4398, 26.0269, 56.5035
YIQ	129.0900, 64.4030, 82.8590

# Conversions

## Conversions Part 2

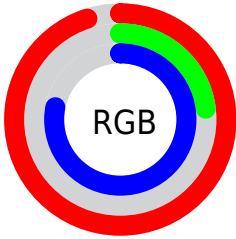
Format	Color
R <sub>Y</sub> B	242, 58, 199
Decimal	15874759
CIE Lab	58.06, 80.15, -33.03
CIE LCh	58, 86.687, 337.606
Yxy	26.0269, 0.3699, 0.1987
Android (android.graphics.Color)	4294064839 (0xFFFF23AC7)
YUV	129.0900, 34.4656, 99.0221
Hunter-Lab	51.0165, 80.2054, -29.9552

# Details

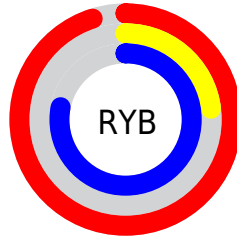
The Hex color **F23AC7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3AF265**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7BFF**, and **B50091** is the 20% darker color. If you saturate the color by 10%, you get **F222C1**, and if you desaturate by 10%, it is **F252CD**.

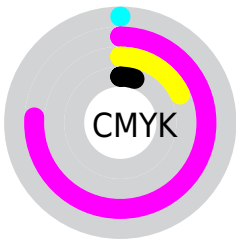
# Distribution



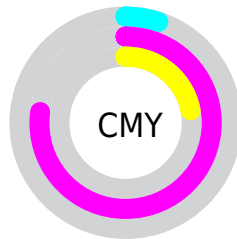
- Red (95%)
- Green (23%)
- Blue (78%)



- 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 F23AC7 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 F23AC7 by changing the saturation by 10% instead.



 F23AC7

 F23AC7

FFFFFF

 D400AB

 FF7BFF

 B50091

 FF99FF

 980077

 FFB7FF

 7B005E

 FFD5FF

 5E0045

 FFF4FF

 43002F

 250019

 000000

 F23AC7

 F23AC7

 F222C1

 F252CD

 F20ABC

 F26AD2

 F200B9

 F283D8

 F29BDE

 F2B3E3

 F2CBE9

 F2E3EF

 F2FCF4

 F2FFFA

# Harmonies

## Analogous

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



A16CFF



F23AC7



FF147C

# Triad

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



F23AC7



988F00



00ABE7

# Complementary

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



F23AC7



3AF265

# 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.



00AB9E



F23AC7



40A000

# Square

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



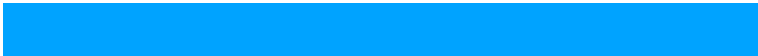
F23AC7



D67200



00A84D



00A3FF

# Rectangle

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



F23AC7



FF344B



00A84D



00ACD0



# Sweetspot

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



F23AC7



FFC4F1



653AF2



805C77



000000



808080



# Same Dimension

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



F23AC7



FF17C9



F23A6B



786C75



B8008D



38002B



# Inverse Universe

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



F23AC7



FF17C9



3AF2C1



786C75



B8008D



38002B



# Previews

## White Background



This preview shows how the Hex color F23AC7 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 F23AC7 Background



This preview shows how black text looks on a background with the Hex color F23AC7.

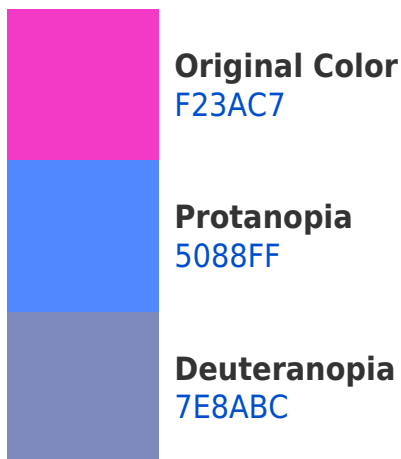


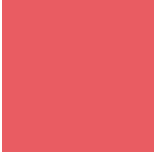
This preview shows how white text looks on a background with the Hex color F23AC7.

# 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](#).

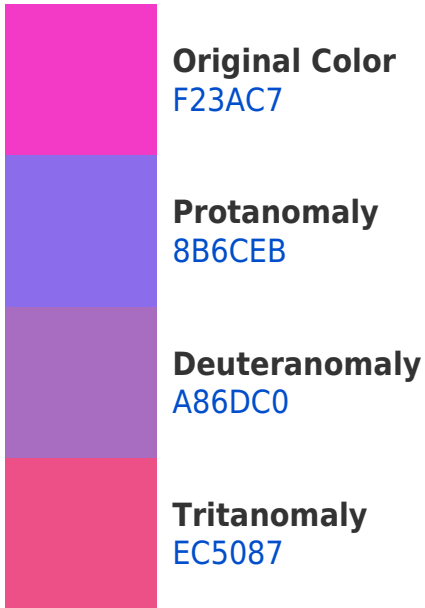
## Dichromacy



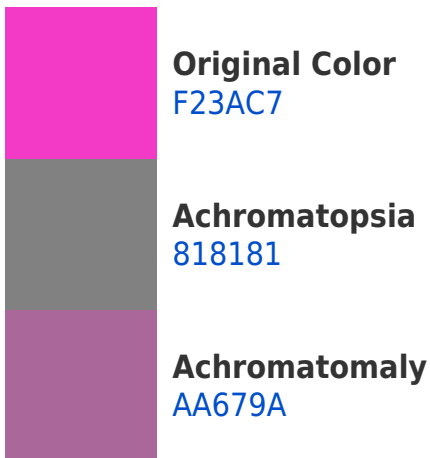


**Tritanopia**  
E95C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F23AC7 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 #F23AC7 looks like.

```
.text, #text, p{  
    color:#F23AC7  
}
```

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 #F23AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23AC7
}
```

## Border

The CSS property to change the border of an element to Hex F23AC7 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
#F23AC7 }
```

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

```
.border{ border-color:#F23AC7 }
```

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

Here you see how a box with a 4 pixel #F23AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23AC7; -webkit-box-shadow:4px 4px  
4px 4px #F23AC7; box-shadow:4px 4px 4px  
4px #F23AC7 }
```

# Background

The CSS property to change the background color of an element to Hex F23AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23AC7 }
```

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

```
.background{ background-color:#F23AC7 }
```

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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