

# Converting Colors

Hex(F24EBC)

Have a look what the booklet for  
Hex(F24EBC) contains.

<b>Hex(F24EBC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(F24EBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	F24EBC
RGB	242, 78, 188
RGB Percent	95%, 31%, 74%
CMY	0.0510, 0.6941, 0.2627
CMYK	0.00, 0.68, 0.22, 0.05
HSL	320°, 86%, 63%
HSV	320°, 68%, 95%
XYZ	48.4194, 27.9569, 50.4212
YIQ	139.5760, 62.4340, 68.9780

# Conversions

## Conversions Part 2

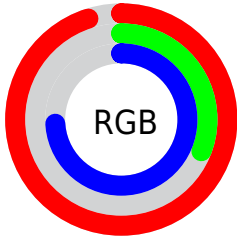
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 78, 188
Decimal	15879868
CIE <sub>Lab</sub>	59.85, 72.39, -23.96
CIE <sub>LCh</sub>	60, 76.251, 341.688
Yxy	27.9569, 0.3819, 0.2205
Android (android.graphics.Color)	4294069948 (0xFFFF24EBC)
YUV	139.5760, 23.8730, 89.8258
Hunter-Lab	52.8743, 70.9309, -19.5273

# Details

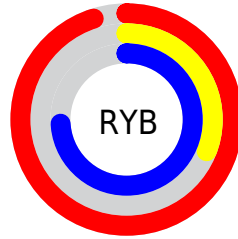
The Hex color **F24EBC** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **4EF284**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF8AF4**, and **B60087** is the 20% darker color. If you saturate the color by 10%, you get **F236B4**, and if you desaturate by 10%, it is **F266C4**.

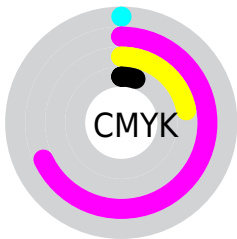
# Distribution



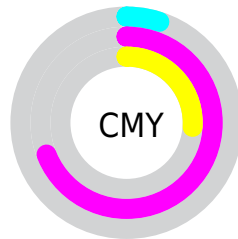
- Red (95%)
- Green (31%)
- Blue (74%)



- Red (95%)
- Yellow (31%)
- Blue (74%)



- Cyan (0%)
- Magenta (68%)
- Yellow (22%)
- Black (5%)



- Cyan (5%)
- Magenta (69%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F24EBC 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 F24EBC by changing the saturation by 10% instead.



 F24EBC

 F24EBC

FFFFFF

 D42CA1

 FF8AF4

 B60087

 FFA7FF

 98006D

 FFC4FF

 7B0054

 FFE2FF

 5F003D

 450027

 270010

 000000

 F24EBC

 F24EBC

 F236B4

 F266C4

 F21EAC

 F27ECC

 F205A4

 F297D4

 F200A2

 F2AFDC

 F2C7E4

 F2DFEC

 F2F7F4

 F2FFFC

 F2FFFF

# Harmonies

## Analogous

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



B371F6



F24EBC



FF4379

# Triad

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



F24EBC



969500



00ACE9

# Complementary

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



F24EBC



4EF284

# 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.



00AEAA



F24EBC



47A419

# Square

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



F24EBC



CF7E00



00AB63



00A3FF

# Rectangle

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



F24EBC



FF534E



00AB63



00ADD5



# Sweetspot

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



F24EBC



FFCCEE



824EF2



806175



000000



808080



# Same Dimension

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



F24EBC



FF30BB



F24E6C



786C74



B8007B



380026



# Inverse Universe

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



F24EBC



FF30BB



4EF2D4



786C74



B8007B



380026



# Previews

## White Background



This preview shows how the Hex color F24EBC 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 F24EBC Background



This preview shows how black text looks on a background with the Hex color F24EBC.



This preview shows how white text looks on a background with the Hex color F24EBC.

# 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**  
EB646B

# Trichromacy



**Original Color**  
F24EBC



**Protanomaly**  
9B76DB



**Deuteranomaly**  
B277B6



**Tritanomaly**  
EE5C88

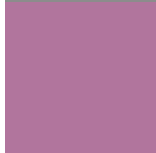
# Monochromacy



**Original Color**  
F24EBC



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
B1759D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F24EBC 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 #F24EBC looks like.

```
.text, #text, p{  
    color:#F24EBC  
}
```

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 #F24EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F24EBC
}
```

## Border

The CSS property to change the border of an element to Hex F24EBC 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
#F24EBC }
```

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

```
.border{ border-color:#F24EBC }
```

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

Here you see how a box with a 4 pixel #F24EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F24EBC; -webkit-box-shadow:4px 4px  
4px 4px #F24EBC; box-shadow:4px 4px 4px  
4px #F24EBC }
```

# Background

The CSS property to change the background color of an element to Hex F24EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F24EBC }
```

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

```
.background{ background-color:#F24EBC }
```

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