

Converting Colors

Hex(F247D4)

Have a look what the booklet for
Hex(F247D4) contains.

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Color

Hex(F247D4)

Conversions

Conversions Part 1

Format	Color
Hex	F247D4
RGB	242, 71, 212
RGB Percent	95%, 28%, 83%
CMY	0.0510, 0.7216, 0.1686
CMYK	0.00, 0.71, 0.12, 0.05
HSL	311°, 87%, 61%
HSV	311°, 71%, 95%
XYZ	50.7549, 28.1372, 65.0433
YIQ	138.2030, 56.6550, 80.1030

Conversions

Conversions Part 2

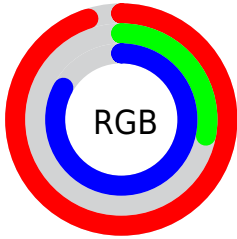
Format	Color
RYB	242, 71, 212
Decimal	15878100
CIELab	60.01, 78.01, -37.38
CIElCh	60, 86.503, 334.395
Yxy	28.1372, 0.3526, 0.1955
Android (android.graphics.Color)	4294068180 (0xFFFF247D4)
YUV	138.2030, 36.3819, 91.0300
Hunter-Lab	53.0445, 77.9672, -35.5704

Details

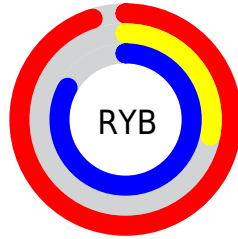
The Hex color **F247D4** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **47F265**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF85FF**, and **B6009D** is the 20% darker color. If you saturate the color by 10%, you get **F22FD0**, and if you desaturate by 10%, it is **F25FD8**.

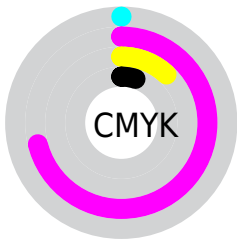
Distribution



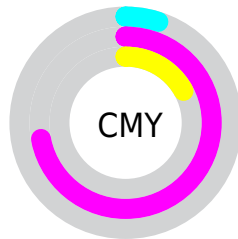
- Red (95%)
- Green (28%)
- Blue (83%)



- Red (95%)
- Yellow (28%)
- Blue (83%)



- Cyan (0%)
- Magenta (71%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (72%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color F247D4 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 F247D4 by changing the saturation by 10% instead.

 F247D4

 F247D4

FFFFFF

 D420B8

 FF85FF

 B6009D

 FFA3FF

 980082

 FFC0FF

 7C0069

 FFDEFF

 5F0050

 FFFDFF

 450039

 270022

 000007

 000000

 F247D4

 F247D4

 F22FD0

 F25FD8

 F217CC

 F277DC

 F200C8

 F290E1

 F2A8E5

 F2C0E9

 F2D8ED

 F2F0F2

 F2FFF6

 F2FFFA

Harmonies

Analogous

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



9976FF



F247D4



FF2289

Triad

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



F247D4



A59100



00B0E6

Complementary

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



F247D4



47F265

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.



00B19A



F247D4



53A400

Square

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



F247D4



E17300



00AD49



00A9FF

Rectangle

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



F247D4



FF3757



00AD49



00B1CE

Sweetspot

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



F247D4



FFC9F6



6347F2



80607A



000000



808080

Same Dimension

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



F247D4



FF26D9



F24780



786C76



B80097



38002E

Inverse Universe

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



F247D4



FF26D9



47F2B9



786C76



B80097



38002E

Previews

White Background



This preview shows how the Hex color F247D4 looks on a white background.

Color Contrast Check

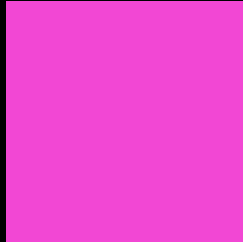
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color F247D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

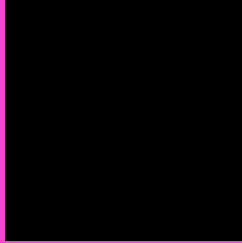
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex F247D4 Background



This preview shows how black text looks on a background with the Hex color F247D4.



This preview shows how white text looks on a background with the Hex color F247D4.

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
E8676E

Trichromacy



Original Color
F247D4



Protanomaly
9374EF



Deuteranomaly
A875CD



Tritanomaly
EC5B93

Monochromacy



Original Color
F247D4



Achromatopsia
8A8A8A



Achromatomaly
B072A5

CSS Examples

Text

The CSS property to change the color of the text to Hex F247D4 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 #F247D4 looks like.

```
.text, #text, p{  
    color:#F247D4  
}
```

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 #F247D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F247D4
}
```

Border

The CSS property to change the border of an element to Hex F247D4 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
#F247D4 }
```

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

```
.border{ border-color:#F247D4 }
```

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

Here you see how a box with a 4 pixel #F247D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F247D4; -webkit-box-shadow:4px 4px  
4px 4px #F247D4; box-shadow:4px 4px 4px  
4px #F247D4 }
```

Background

The CSS property to change the background color of an element to Hex F247D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F247D4 }
```

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

```
.background{ background-color:#F247D4 }
```

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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