

Converting Colors

Hex(FF45B8)

Have a look what the booklet for
Hex(FF45B8) contains.

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Color

Hex(F45B8)

Conversions

Conversions Part 1

Format	Color
Hex	FF45B8
RGB	255, 69, 184
RGB Percent	100%, 27%, 72%
CMY	0.0000, 0.7294, 0.2784
CMYK	0.00, 0.73, 0.28, 0.00
HSL	323°, 100%, 64%
HSV	323°, 73%, 100%
XYZ	52.0199, 28.9769, 48.1988
YIQ	137.7240, 73.9410, 75.1970

Conversions

Conversions Part 2

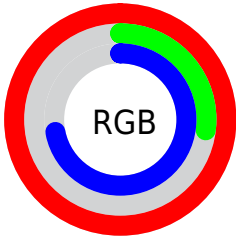
Format	Color
RYB	255, 69, 184
Decimal	16729528
CIELab	60.76, 78.12, -20.08
CIElCh	61, 80.662, 345.587
Yxy	28.9769, 0.4026, 0.2243
Android (android.graphics.Color)	4294919608 (0xFFFF45B8)
YUV	137.7240, 22.8141, 102.8511
Hunter-Lab	53.8302, 78.2939, -15.4062

Details

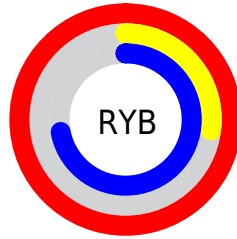
The Hex color **FF45B8** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **45FF8C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF84F0**, and **C20083** is the 20% darker color. If you saturate the color by 10%, you get **FF2BAE**, and if you desaturate by 10%, it is **FF5EC2**.

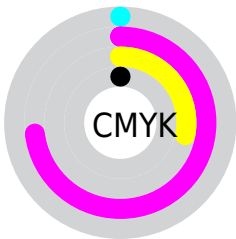
Distribution



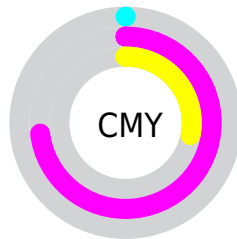
- Red (100%)
- Green (27%)
- Blue (72%)



- Red (100%)
- Yellow (27%)
- Blue (72%)



- Cyan (0%)
- Magenta (73%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF45B8 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 FF45B8 by changing the saturation by 10% instead.

 FF45B8

 FF45B8

FFFFFF

 E01B9D

 FF84F0

 C20083

 FFA2FF

 A4006A

 FFC0FF

 860051

 FFDEFF

 69003A

 FFFCFF

 4D0025

 2F000C

 000000

 FF45B8

 FF45B8

■ FF2BAE

■ FF5EC2

■ FF12A5

■ FF78CB

■ FF009E

■ FF92D5

■ FFABDF

■ FFC4E9

■ FFDEF2

■ FFF7FC

FFFFFF

Harmonies

Analogous

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



C36CF7



FF45B8



FF3E71

Triad

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



FF45B8



8E9B00



00AFF8

Complementary

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



FF45B8



45FF8C

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.



00B2B7



FF45B8



2EA91D

Square

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



FF45B8



CD8300



00B06C



00A5FF

Rectangle

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



FF45B8



FF5443



00B06C



00B1E4

Sweetspot

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



FF45B8



FFC7EA



8945FF



805E73



000000



808080

Same Dimension

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



FF45B8



FF1FA9



FF455E



80737B



BF0076



400027

Inverse Universe

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



FF45B8



FF1FA9



45FFE6



80737B



BF0076



400027

Previews

White Background



This preview shows how the Hex color FF45B8 looks on a white background.

Color Contrast Check

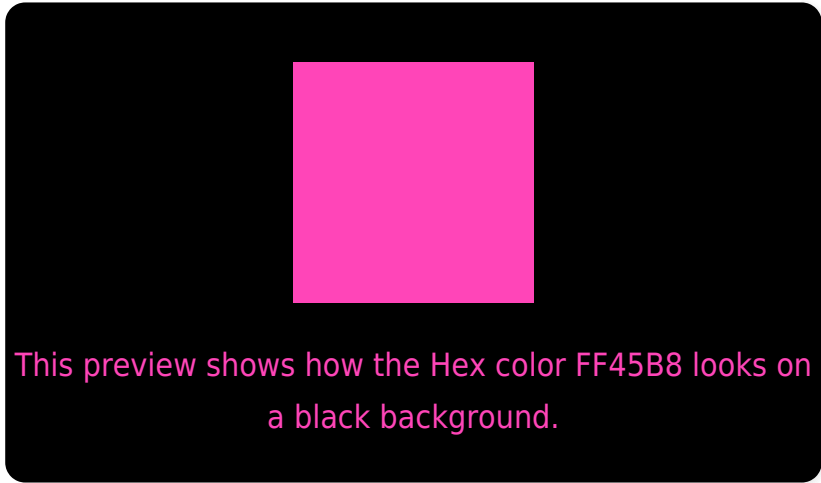
Large Text (above 18pt) WCAG AA ✓ Pass

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

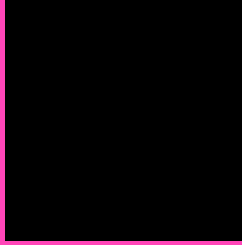
Any Text WCAG AA ✓ Pass

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 FF45B8 Background



This preview shows how black text looks on a background with the Hex color FF45B8.



This preview shows how white text looks on a background with the Hex color FF45B8.

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
F85E64

Trichromacy



Original Color
FF45B8



Protanomaly
A275DB



Deuteranomaly
BB74B2



Tritanomaly
FB5583

Monochromacy



Original Color
FF45B8



Achromatopsia
8A8A8A



Achromatomaly
B5719B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF45B8 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 #FF45B8 looks like.

```
.text, #text, p{  
    color:#FF45B8  
}
```

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 #FF45B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF45B8
}
```

Border

The CSS property to change the border of an element to Hex FF45B8 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
#FF45B8 }
```

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

```
.border{ border-color:#FF45B8 }
```

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

Here you see how a box with a 4 pixel #FF45B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF45B8; -webkit-box-shadow:4px 4px  
4px 4px #FF45B8; box-shadow:4px 4px 4px  
4px #FF45B8 }
```

Background

The CSS property to change the background color of an element to Hex FF45B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF45B8 }
```

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

```
.background{ background-color:#FF45B8 }
```

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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