

Converting Colors

Hex(FF45AA)

Have a look what the booklet for
Hex(FF45AA) contains.

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Color

Hex(FF45AA)

Conversions

Conversions Part 1

Format	Color
Hex	FF45AA
RGB	255, 69, 170
RGB Percent	100%, 27%, 67%
CMY	0.0000, 0.7294, 0.3333
CMYK	0.00, 0.73, 0.33, 0.00
HSL	327°, 100%, 64%
HSV	327°, 73%, 100%
XYZ	50.6238, 28.4185, 40.8474
YIQ	136.1280, 78.4350, 70.8430

Conversions

Conversions Part 2

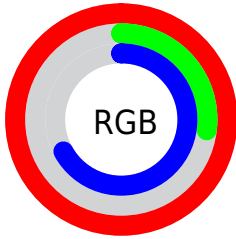
Format	Color
R _Y B	255, 69, 170
Decimal	16729514
CIE Lab	60.26, 76.57, -12.75
CIE LCh	60, 77.625, 350.544
Yxy	28.4185, 0.4223, 0.2370
Android (android.graphics.Color)	4294919594 (0xFFFF45AA)
YUV	136.1280, 16.6989, 104.2507
Hunter-Lab	53.3090, 76.2181, -8.1139

Details

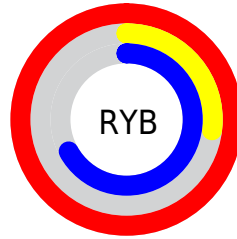
The Hex color **FF45AA** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45FF9A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF84E1**, and **C10076** is the 20% darker color. If you saturate the color by 10%, you get **FF2B9E**, and if you desaturate by 10%, it is **FF5EB6**.

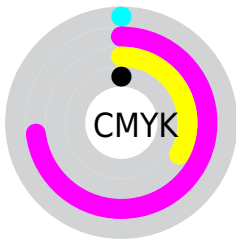
Distribution



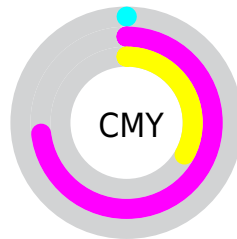
- Red (100%)
- Green (27%)
- Blue (67%)



- Red (100%)
- Yellow (27%)
- Blue (67%)



- Cyan (0%)
- Magenta (73%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF45AA 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 FF45AA by changing the saturation by 10% instead.

 FF45AA

 FF45AA

FFFFFF

 E01B90

 FF84E1

 C10076

 FFA2FE

 A3005D

 FFBFFF

 850046

 FFD0FF

 68002F

 FFC0FF

 4C001B

 2E0002

 000000

 FF45AA

 FF45AA

■ FF2B9E

■ FF5EB6

■ FF1293

■ FF78C1

■ FF008A

■ FF92CD

■ FFABD9

■ FFC4E4

■ FFDEF0

■ FFF7FC

FFFFFF

Harmonies

Analogous

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



CD66E9



FF45AA



FF4766

Triad

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



FF45AA



829C00



00ACFB

Complementary

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



FF45AA



45FF9A

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.



00B0C0



FF45AA



0DA830

Square

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



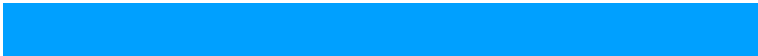
FF45AA



C18700



00AE79



00A0FF

Rectangle

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



FF45AA



FB5C3B



00AE79



00AEE9

Sweetspot

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



FF45AA



FFC7E5



9945FF



805E70



000000



808080

Same Dimension

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



FF45AA



FF1F98



FF454E



80737A



BF0068



400023

Inverse Universe

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



FF45AA



FF1F98



45FFF6



80737A



BF0068



400023

Previews

White Background



This preview shows how the Hex color FF45AA 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 FF45AA Background



This preview shows how black text looks on a background with the Hex color FF45AA.

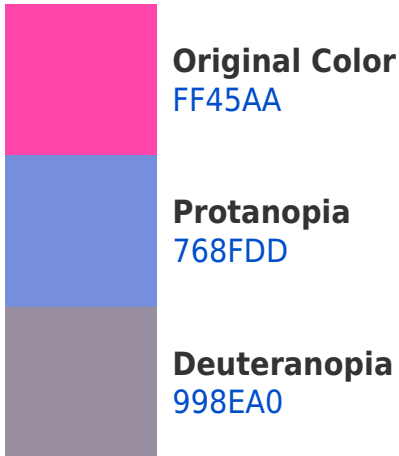


This preview shows how white text looks on a background with the Hex color FF45AA.

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
FA5A5F

Trichromacy



Original Color
FF45AA



Protanomaly
A874CA



Deuteranomaly
BE73A4



Tritanomaly
FC527A

Monochromacy



Original Color
FF45AA



Achromatopsia
888888



Achromatomaly
B37094

CSS Examples

Text

The CSS property to change the color of the text to Hex FF45AA 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 #FF45AA looks like.

```
.text, #text, p{  
  color:#FF45AA  
}
```

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 #FF45AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF45AA
}
```

Border

The CSS property to change the border of an element to Hex FF45AA 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
#FF45AA }
```

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

```
.border{ border-color:#FF45AA }
```

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

Here you see how a box with a 4 pixel #FF45AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF45AA; -webkit-box-shadow:4px 4px  
4px 4px #FF45AA; box-shadow:4px 4px 4px  
4px #FF45AA }
```

Background

The CSS property to change the background color of an element to Hex FF45AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF45AA }
```

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

```
.background{ background-color:#FF45AA }
```

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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