

# Converting Colors

Hex(FF44A6)

Have a look what the booklet for  
Hex(FF44A6) contains.

<b>Hex(FF44A6)</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(F44A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF44A6
RGB	255, 68, 166
RGB Percent	100%, 27%, 65%
CMY	0.0000, 0.7333, 0.3490
CMYK	0.00, 0.73, 0.35, 0.00
HSL	329°, 100%, 63%
HSV	329°, 73%, 100%
XYZ	50.1901, 28.1474, 38.8641
YIQ	135.0850, 79.9940, 70.1220

# Conversions

## Conversions Part 2

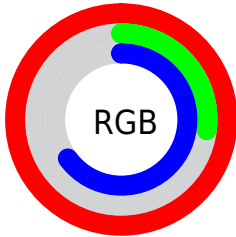
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 68, 166
Decimal	16729254
CIE Lab	60.02, 76.46, -10.80
CIE LCh	60, 77.217, 351.961
Yxy	28.1474, 0.4282, 0.2402
Android (android.graphics.Color)	4294919334 (0xFFFF44A6)
YUV	135.0850, 15.2411, 105.1655
Hunter-Lab	53.0541, 76.0191, -6.2942

# Details

The Hex color **FF44A6** 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 **44FF9D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF83DD**, and **C10072** is the 20% darker color. If you saturate the color by 10%, you get **FF2A9A**, and if you desaturate by 10%, it is **FF5DB2**.

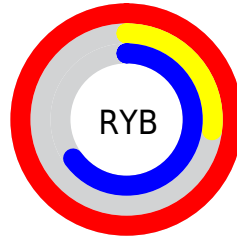
# Distribution



Red (100%)

Green (27%)

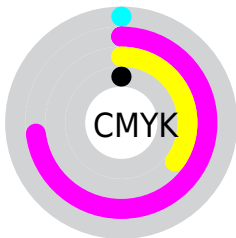
Blue (65%)



Red (100%)

Yellow (27%)

Blue (65%)

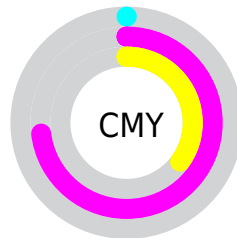


Cyan (0%)

Magenta (73%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF44A6 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 FF44A6 by changing the saturation by 10% instead.



 FF44A6

 FF44A6

FFFFFF

 E01A8C

 FF83DD

 C10072

 FFA1FA

 A3005A

 FFBEFF

 850042

 FFDCFF

 67002C

 FFFBFF

 4C0018

 2D0001

 000000

 FF44A6

 FF44A6

 FF2A9A

 FF5DB2

 FF118E

 FF77BE

 FF0086

 FF91CA

 FFAAD7

 FFC3E3

 FFDDEF

 FFF6FB

FFFFFF

# Harmonies

## Analogous

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



CF64E6



FF44A6



FF4862

# Triad

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



FF44A6



7E9C00



00ABFB

# Complementary

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



FF44A6



44FF9D

# 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.



00AFC2



FF44A6



00A834

# Square

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



FF44A6



BD8700



00AE7B



009EFF

# Rectangle

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



FF44A6



F85D38



00AE7B



00ADEB



# Sweetspot

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



FF44A6



FFC7E4



9B44FF



805E70



000000



808080



# Same Dimension

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



FF44A6



FF1F94



FF444A



807379



BF0064



400021



# Inverse Universe

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



FF44A6



FF1F94



44FFF9



807379



BF0064



400021



# Previews

## White Background



This preview shows how the Hex color FF44A6 looks on a white background.

## Color Contrast Check

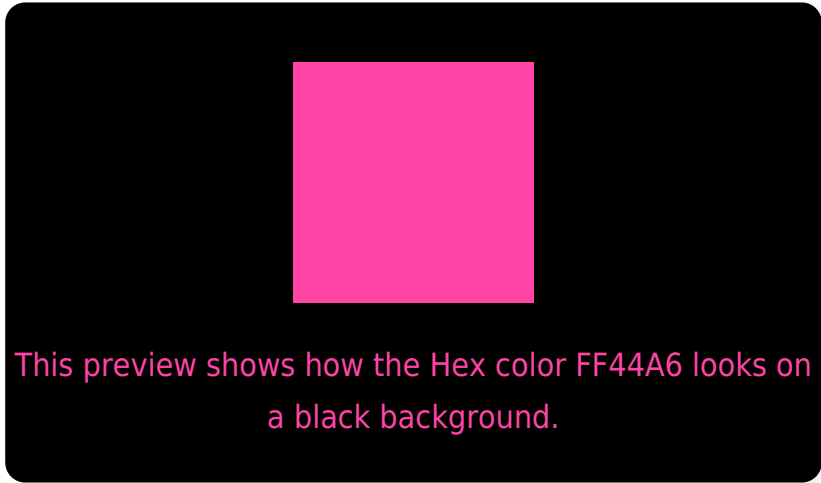
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF44A6 Background



This preview shows how black text looks on a background with the Hex color FF44A6.



This preview shows how white text looks on a background with the Hex color FF44A6.

# 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





# Trichromacy



**Original Color**  
FF44A6



**Protanomaly**  
A974C6



**Deuteranomaly**  
BF72A0



**Tritanomaly**  
FC5178

# Monochromacy



**Original Color**  
FF44A6



**Achromatopsia**  
878787



**Achromatomaly**  
B36F92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF44A6 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 #FF44A6 looks like.

```
.text, #text, p{  
    color:#FF44A6  
}
```

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 #FF44A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF44A6
}
```

## Border

The CSS property to change the border of an element to Hex FF44A6 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
#FF44A6 }
```

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

```
.border{ border-color:#FF44A6 }
```

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

Here you see how a box with a 4 pixel #FF44A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF44A6; -webkit-box-shadow:4px 4px  
4px 4px #FF44A6; box-shadow:4px 4px 4px  
4px #FF44A6 }
```

# Background

The CSS property to change the background color of an element to Hex FF44A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF44A6 }
```

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

```
.background{ background-color:#FF44A6 }
```

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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