

# Converting Colors

Hex(FF52A9)

Have a look what the booklet for  
Hex(FF52A9) contains.

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# **Color**

**Hex(F52A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF52A9
RGB	255, 82, 169
RGB Percent	100%, 32%, 66%
CMY	0.0000, 0.6784, 0.3373
CMYK	0.00, 0.68, 0.34, 0.00
HSL	330°, 100%, 66%
HSV	330°, 68%, 100%
XYZ	51.4187, 30.1592, 40.6473
YIQ	143.6450, 75.1810, 63.7330

# Conversions

## Conversions Part 2

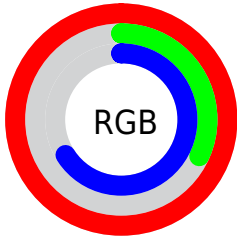
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 82, 169
Decimal	16732841
CIE Lab	61.79, 72.10, -9.89
CIE LCh	62, 72.776, 352.193
Yxy	30.1592, 0.4207, 0.2468
Android (android.graphics.Color)	4294922921 (0xFFFF52A9)
YUV	143.6450, 12.5000, 97.6583
Hunter-Lab	54.9174, 71.0229, -5.4416

# Details

The Hex color **FF52A9** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **52FFA8**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF8EE0**, and **C20075** is the 20% darker color. If you saturate the color by 10%, you get **FF399C**, and if you desaturate by 10%, it is **FF6BB6**.

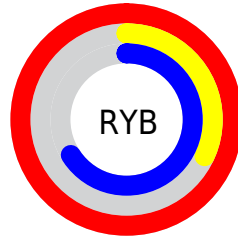
# Distribution



Red (100%)

Green (32%)

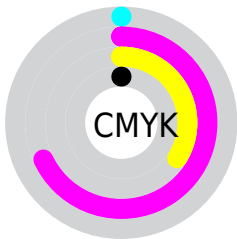
Blue (66%)



Red (100%)

Yellow (32%)

Blue (66%)

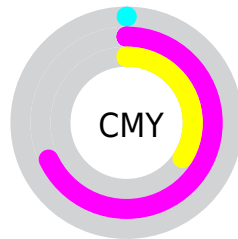


Cyan (0%)

Magenta (68%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF52A9 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 FF52A9 by changing the saturation by 10% instead.



 FF52A9

 FF52A9

FFFFFF

 E0308F

 FF8EE0

 C20075

 FFABFD

 A4005C

 FFC9FF

 860045

 FFE7FF

 69002F

 4D001A

 300002

 000000

 FF52A9

 FF52A9

 FF399C

 FF6BB6

 FF1F90

 FF85C2

 FF0683

 FF9FCF

 FF0080

 FFB8DC

 FFD2E8

 FFEBF5

FFFFFF

# Harmonies

## Analogous

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



D26DE5



FF52A9



FF5569

# Triad

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



FF52A9



85A000



00AEFB

# Complementary

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



FF52A9



52FFA8

# 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.



00B2C4



FF52A9



22AC40

# Square

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



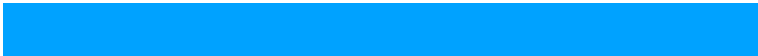
FF52A9



C18C00



00B182



00A2FF

# Rectangle

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



FF52A9



F96741



00B182



00B0EB



# Sweetspot

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



FF52A9



FFCCE6



A652FF



806170



000000



808080



# Same Dimension

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



FF52A9



FF3098



FF5255



807379



BF0060



400020



# Inverse Universe

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



FF52A9



FF3098



52FFFC



807379



BF0060



400020



# Previews

## White Background



This preview shows how the Hex color FF52A9 looks on a white background.

## Color Contrast Check

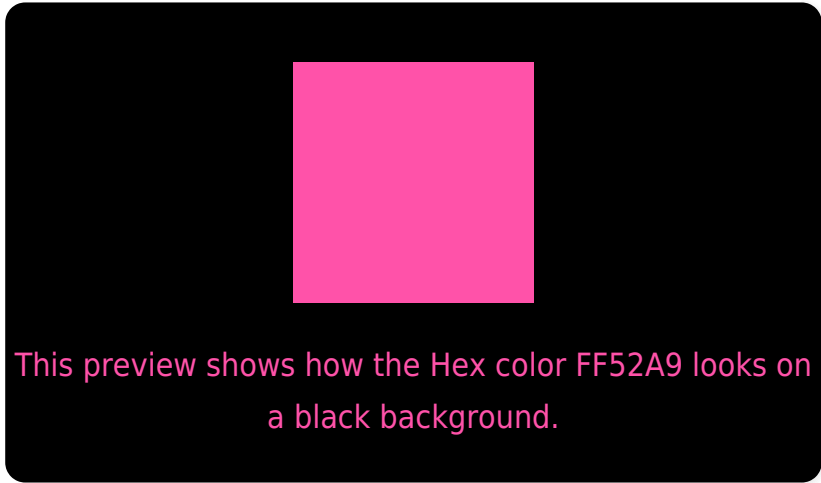
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex FF52A9 Background



This preview shows how black text looks on a background with the Hex color FF52A9.



This preview shows how white text looks on a background with the Hex color FF52A9.

# Color Blindness Simulation

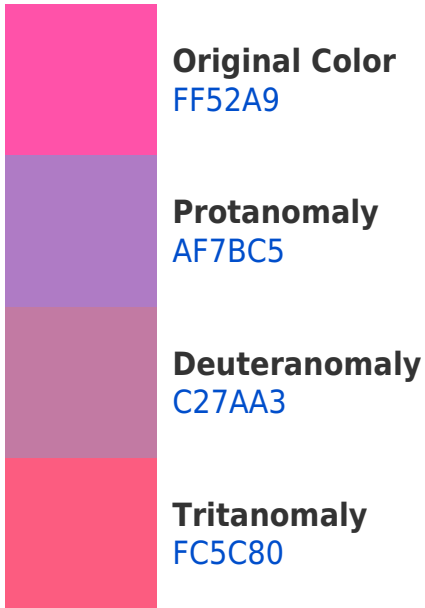
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF52A9 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 #FF52A9 looks like.

```
.text, #text, p{  
    color:#FF52A9  
}
```

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 #FF52A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF52A9
}
```

## Border

The CSS property to change the border of an element to Hex FF52A9 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
#FF52A9 }
```

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

```
.border{ border-color:#FF52A9 }
```

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

Here you see how a box with a 4 pixel #FF52A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF52A9; -webkit-box-shadow:4px 4px  
4px 4px #FF52A9; box-shadow:4px 4px 4px  
4px #FF52A9 }
```

# Background

The CSS property to change the background color of an element to Hex FF52A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF52A9 }
```

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

```
.background{ background-color:#FF52A9 }
```

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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