

# Converting Colors

Hex(FF59B4)

Have a look what the booklet for  
Hex(FF59B4) contains.

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# **Color**

**Hex(F59B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF59B4
RGB	255, 89, 180
RGB Percent	100%, 35%, 71%
CMY	0.0000, 0.6510, 0.2941
CMYK	0.00, 0.65, 0.29, 0.00
HSL	327°, 100%, 67%
HSV	327°, 65%, 100%
XYZ	53.0506, 31.7000, 46.5027
YIQ	149.0080, 69.7250, 63.4930

# Conversions

## Conversions Part 2

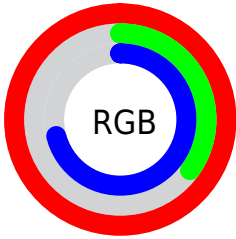
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 89, 180
Decimal	16734644
CIE Lab	63.09, 70.75, -14.25
CIE LCh	63, 72.171, 348.615
Yxy	31.7000, 0.4042, 0.2415
Android (android.graphics.Color)	4294924724 (0xFFFF59B4)
YUV	149.0080, 15.2791, 92.9550
Hunter-Lab	56.3028, 69.6595, -9.5580

# Details

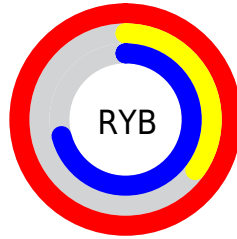
The Hex color **FF59B4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **59FFA4**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF94EC**, and **C2097F** is the 20% darker color. If you saturate the color by 10%, you get **FF40A8**, and if you desaturate by 10%, it is **FF73C0**.

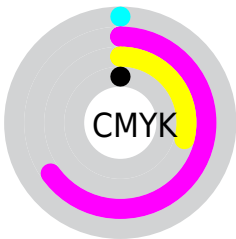
# Distribution



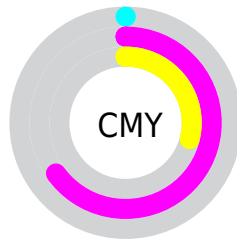
- Red (100%)
- Green (35%)
- Blue (71%)



- Red (100%)
- Yellow (35%)
- Blue (71%)



- Cyan (0%)
- Magenta (65%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF59B4 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 FF59B4 by changing the saturation by 10% instead.



 FF59B4

 FF59B4

FFFFFF

 E03999

 FF94EC

 C2097F

 FFB1FF

 A40066

 FFCFFF

 87004E

 FFE0FF

 6A0037

 4E0022

 320008

 000000

 FF59B4

 FF59B4

 FF40A8

 FF73C0

 FF269D

 FF8CCB

 FF0D91

 FFA6D7

 FF008C

 FFBFE2

 FFD9EE

 FFF2F9

FFFFFF

# Harmonies

## Analogous

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



CD74EE



FF59B4



FF5874

# Triad

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



FF59B4



91A200



00B2F8

# Complementary

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



FF59B4



59FFA4

# 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.



00B6C0



FF59B4



3DAE3C

# Square

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



FF59B4



CB8D00



00B57D



00A7FF

# Rectangle

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



FF59B4



FF674C



00B57D



00B4E8



# Sweetspot

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



FF59B4



FFCCE8



A459FF



806172



000000



808080



# Same Dimension

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



FF59B4



FF38A5



FF5961



80737A



BF0069



400023



# Inverse Universe

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



FF59B4



FF38A5



59FFF7



80737A



BF0069

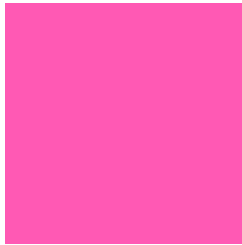


400023



# Previews

## White Background



This preview shows how the Hex color FF59B4 looks on a white background.

## Color Contrast Check

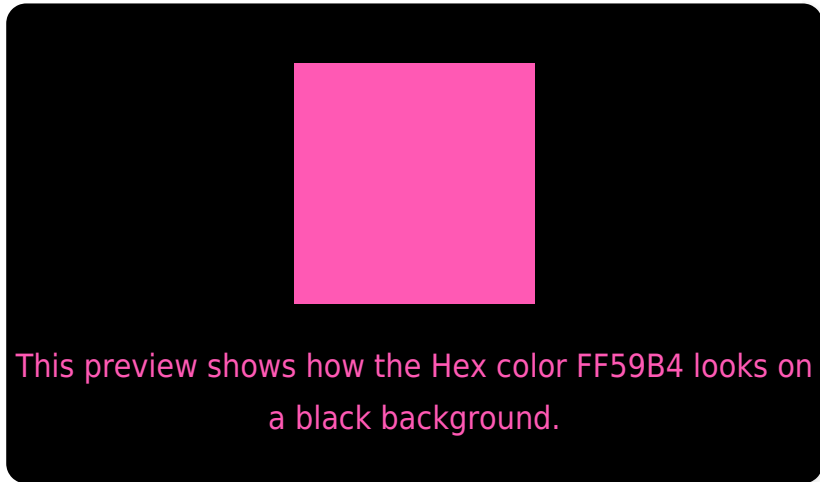
Large Text (above 18pt) WCAG AA × Fail

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 FF59B4 Background



This preview shows how black text looks on a background with the Hex color FF59B4.



This preview shows how white text looks on a background with the Hex color FF59B4.

# 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**  
FA6A70

# Trichromacy



**Original Color**  
FF59B4



**Protanomaly**  
AF80D0



**Deuteranomaly**  
C27FAE



**Tritanomaly**  
FC6489

# Monochromacy



**Original Color**  
FF59B4



**Achromatopsia**  
959595



**Achromatomaly**  
BC7FA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF59B4 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 #FF59B4 looks like.

```
.text, #text, p{  
    color:#FF59B4  
}
```

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 #FF59B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF59B4
}
```

## Border

The CSS property to change the border of an element to Hex FF59B4 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
#FF59B4 }
```

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

```
.border{ border-color:#FF59B4 }
```

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

Here you see how a box with a 4 pixel #FF59B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF59B4; -webkit-box-shadow:4px 4px  
4px 4px #FF59B4; box-shadow:4px 4px 4px  
4px #FF59B4 }
```

# Background

The CSS property to change the background color of an element to Hex FF59B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF59B4 }
```

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

```
.background{ background-color:#FF59B4 }
```

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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