

# Converting Colors

Hex(FA64B6)

Have a look what the booklet for  
Hex(FA64B6) contains.

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# **Color**

**Hex(FA64B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA64B6
RGB	250, 100, 182
RGB Percent	98%, 39%, 71%
CMY	0.0196, 0.6078, 0.2863
CMYK	0.00, 0.60, 0.27, 0.02
HSL	327°, 94%, 69%
HSV	327°, 60%, 98%
XYZ	52.4250, 32.8157, 47.8269
YIQ	154.1980, 63.0780, 57.3020

# Conversions

## Conversions Part 2

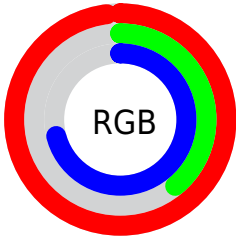
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">250, 100, 182</a>
Decimal	<a href="#">16409782</a>
CIELab	<a href="#">64.01, 65.17, -14.08</a>
CIELCh	<a href="#">64, 66.677, 347.808</a>
Yxy	<a href="#">32.8157, 0.3940, 0.2466</a>
Android (android.graphics.Color)	<a href="#">4294599862 (0xFFFA64B6)</a>
YUV	<a href="#">154.1980, 13.7064, 84.0184</a>
Hunter-Lab	<a href="#">57.2850, 63.1074, -9.4014</a>

# Details

The Hex color **FA64B6** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **64FAA8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF9DEE**, and **BE2581** is the 20% darker color. If you saturate the color by 10%, you get **FA4BAB**, and if you desaturate by 10%, it is **FA7DC1**.

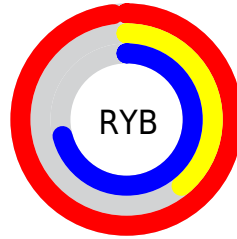
# Distribution



Red (98%)

Green (39%)

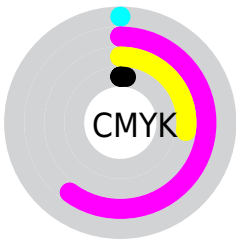
Blue (71%)



Red (98%)

Yellow (39%)

Blue (71%)

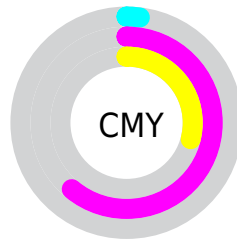


Cyan (0%)

Magenta (60%)

Yellow (27%)

Black (2%)



Cyan (2%)

Magenta (61%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA64B6 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 FA64B6 by changing the saturation by 10% instead.



 FA64B6

 FA64B6

FFFFFF

 DC479B

 FF9DEE

 BE2581

 FFBAFF

 A00068

 FFD7FF

 830050

 FFF5FF

 670039

 4B0023

 30000B

 000000

 FA64B6

 FA64B6

 FA4BAB

 FA7DC1

 FA329F

 FA96CD

 FA1994

 FAAFD8

 FA0089

 FAC8E3

 FAE1EF

 FAFAFA

 FAFFFF

# Harmonies

## Analogous

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



CA7BEC



FA64B6



FF627A

# Triad

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



FA64B6



97A314



00B4F2

# Complementary

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



FA64B6



64FAA8

# 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.



00B7BE



FA64B6



4EAF45

# Square

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



FA64B6



CD9016



00B680



00A9FF

# Rectangle

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



FA64B6



FD6F55



00B680



00B5E3



# Sweetspot

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



FA64B6



FFD1EA



A864FA



806373



000000



808080



# Same Dimension

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



FA64B6



FF47AC



FA646B



7D7077



BD0067



3D0021



# Inverse Universe

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



FA64B6



FF47AC



64FAF2



7D7077



BD0067



3D0021



# Previews

## White Background



This preview shows how the Hex color FA64B6 looks on a white background.

## Color Contrast Check

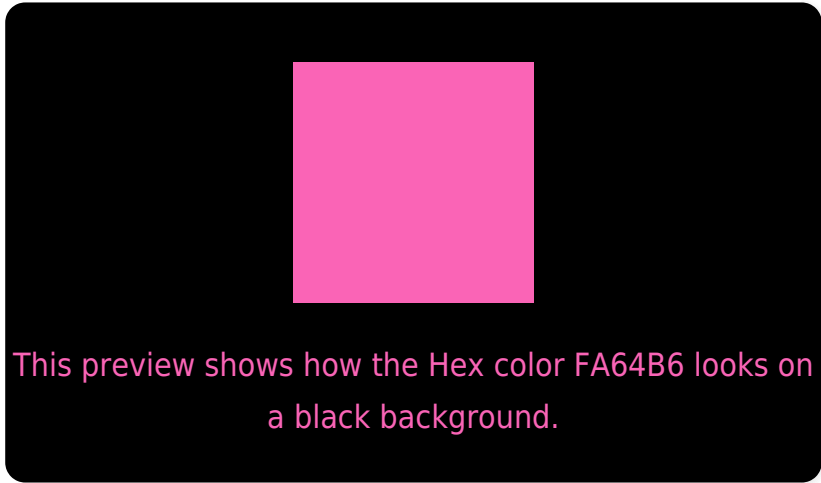
Large Text (above 18pt) WCAG AA × Fail

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 FA64B6 Background



This preview shows how black text looks on a background with the Hex color FA64B6.

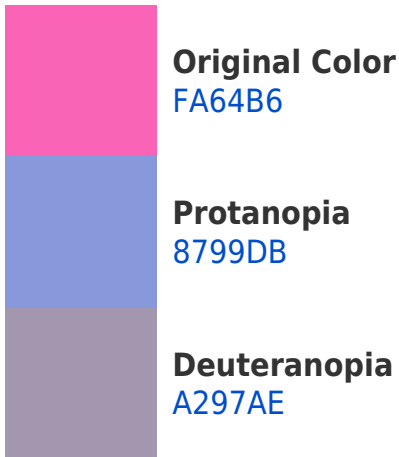


This preview shows how white text looks on a background with the Hex color FA64B6.

# 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**  
F5727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA64B6 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 #FA64B6 looks like.

```
.text, #text, p{  
    color:#FA64B6  
}
```

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 #FA64B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA64B6
}
```

## Border

The CSS property to change the border of an element to Hex FA64B6 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
#FA64B6 }
```

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

```
.border{ border-color:#FA64B6 }
```

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

Here you see how a box with a 4 pixel #FA64B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA64B6; -webkit-box-shadow:4px 4px  
4px 4px #FA64B6; box-shadow:4px 4px 4px  
4px #FA64B6 }
```

# Background

The CSS property to change the background color of an element to Hex FA64B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA64B6 }
```

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

```
.background{ background-color:#FA64B6 }
```

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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