

# Converting Colors

Hex(F53BE4)

Have a look what the booklet for  
Hex(F53BE4) contains.

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**Color**

**Hex(F53BE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F53BE4
RGB	245, 59, 228
RGB Percent	96%, 23%, 89%
CMY	0.0392, 0.7686, 0.1059
CMYK	0.00, 0.76, 0.07, 0.04
HSL	305°, 90%, 60%
HSV	305°, 76%, 96%
XYZ	53.2237, 28.1418, 76.0255
YIQ	133.8800, 56.6070, 91.9910

# Conversions

## Conversions Part 2

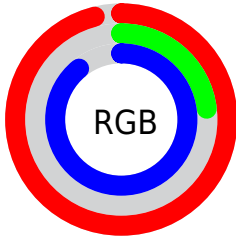
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	245, 59, 228
Decimal	16071652
CIE <sub>Lab</sub>	60.02, 84.46, -46.37
CIE <sub>LCh</sub>	60, 96.354, 331.235
Y <sub>xy</sub>	28.1418, 0.3382, 0.1788
Android (android.graphics.Color)	4294261732 (0xFFFF53BE4)
YUV	133.8800, 46.4012, 97.4522
Hunter-Lab	53.0489, 86.2528, -47.8356

# Details

The Hex color **F53BE4** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **3BF54C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF7DFF**, and **B800AC** is the 20% darker color. If you saturate the color by 10%, you get **F522E2**, and if you desaturate by 10%, it is **F554E6**.

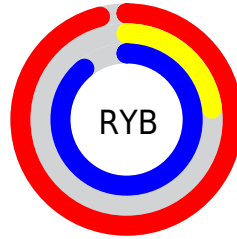
# Distribution



Red (96%)

Green (23%)

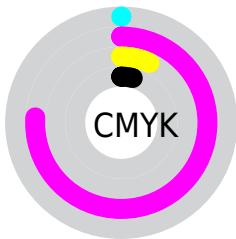
Blue (89%)



Red (96%)

Yellow (23%)

Blue (89%)

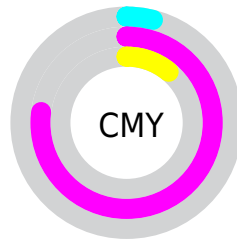


Cyan (0%)

Magenta (76%)

Yellow (7%)

Black (4%)



Cyan (4%)

Magenta (77%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F53BE4 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 F53BE4 by changing the saturation by 10% instead.



 F53BE4

 F53BE4

FFFFFF

 D600C8

 FF7DFF

 B800AC

 FF9CFF

 9B0091

 FFBAFF

 7D0077

 FFD8FF

 61005D

 FFF7FF

 460045

 28002E

 000117

 000000

 F53BE4

 F53BE4

 F522E2

 F554E6

 F50AE0

 F56CE8

 F500DF

 F584EB

 F59DED

 F5B6EF

 F5CEF1

 F5E7F4

 F5FFF6

 F5FFF8

# Harmonies

## Analogous

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



8577FF



F53BE4



FF0091

# Triad

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



F53BE4



AD8F00



00B3E7

# Complementary

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



F53BE4



3BF54C

# 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.



00B392



F53BE4



53A400

# Square

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



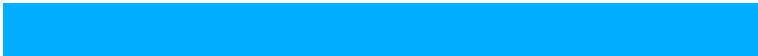
F53BE4



ED6A00



00AE35



00ADFF

# Rectangle

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



F53BE4



FF005A



00AE35



00B4CC



# Sweetspot

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



F53BE4



FFC4FA



4B3BF5



805C7C



000000



808080



# Same Dimension

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



F53BE4



FF17EA



F53B88



7A6E79



BA00A9



3B0035



# Inverse Universe

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



F53BE4



FF17EA



3BF5A8



7A6E79



BA00A9



3B0035



# Previews

## White Background



This preview shows how the Hex color F53BE4 looks on a white background.

## Color Contrast Check

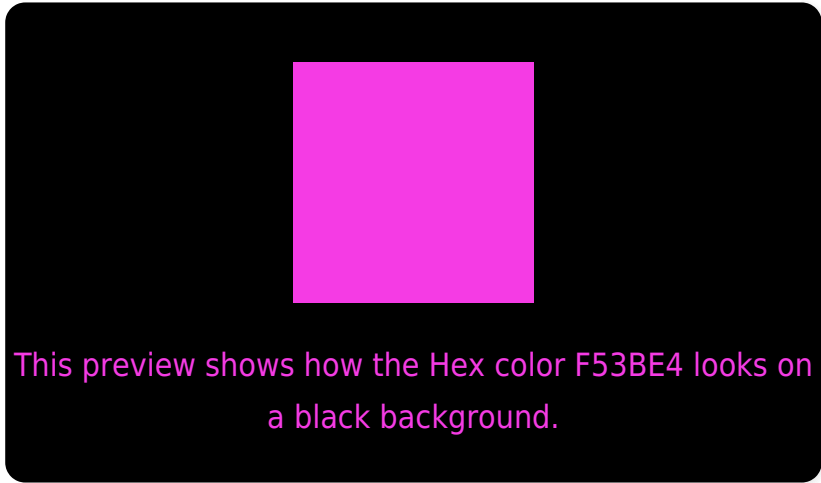
Large Text (above 18pt) WCAG AA ✓ Pass

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

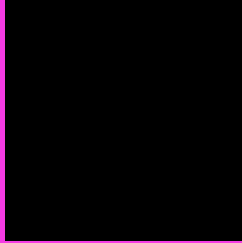
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex F53BE4 Background



This preview shows how black text looks on a background with the Hex color F53BE4.



This preview shows how white text looks on a background with the Hex color F53BE4.

# 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**  
E9666D

# Trichromacy



**Original Color**  
F53BE4



**Protanomaly**  
936FF5



**Deuteranomaly**  
A171DC



**Tritanomaly**  
ED5698

# Monochromacy



**Original Color**  
F53BE4



**Achromatopsia**  
868686



**Achromatomaly**  
AE6BA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F53BE4 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 #F53BE4 looks like.

```
.text, #text, p{  
  color:#F53BE4  
}
```

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 #F53BE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53BE4
}
```

## Border

The CSS property to change the border of an element to Hex F53BE4 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
#F53BE4 }
```

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

```
.border{ border-color:#F53BE4 }
```

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

Here you see how a box with a 4 pixel #F53BE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53BE4; -webkit-box-shadow:4px 4px  
4px 4px #F53BE4; box-shadow:4px 4px 4px  
4px #F53BE4 }
```

# Background

The CSS property to change the background color of an element to Hex F53BE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53BE4 }
```

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

```
.background{ background-color:#F53BE4 }
```

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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