

Converting Colors

Hex(F553A5)

Have a look what the booklet for
Hex(F553A5) contains.

Hex(F553A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F553A5)

Conversions

Conversions Part 1

Format	Color
Hex	F553A5
RGB	245, 83, 165
RGB Percent	96%, 33%, 65%
CMY	0.0392, 0.6745, 0.3529
CMYK	0.00, 0.66, 0.33, 0.04
HSL	330°, 89%, 64%
HSV	330°, 66%, 96%
XYZ	47.5410, 28.3156, 38.5571
YIQ	140.7860, 70.2300, 59.8460

Conversions

Conversions Part 2

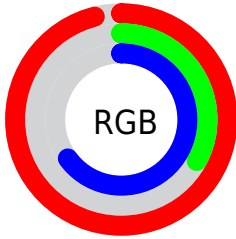
Format	Color
R _{YB}	245, 83, 165
Decimal	16077733
CIE _{Lab}	60.17, 68.57, -10.16
CIE _{LCh}	60, 69.317, 351.568
Yxy	28.3156, 0.4155, 0.2475
Android (android.graphics.Color)	4294267813 (0xFFFF553A5)
YUV	140.7860, 11.9375, 91.3957
Hunter-Lab	53.2124, 66.3536, -5.7121

Details

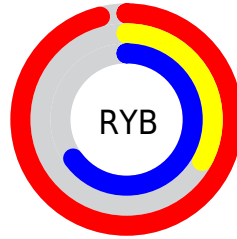
The Hex color **F553A5** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **53F5A3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF8EDC**, and **B80071** is the 20% darker color. If you saturate the color by 10%, you get **F53B99**, and if you desaturate by 10%, it is **F56CB1**.

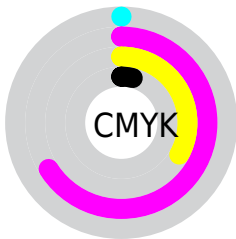
Distribution



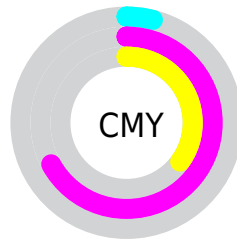
- Red (96%)
- Green (33%)
- Blue (65%)



- Red (96%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (66%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color F553A5 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 F553A5 by changing the saturation by 10% instead.

 F553A5

 F553A5

FFFFFF

 D6338B

 FF8EDC

 B80071

 FFABF9

 9B0059

 FFC8FF

 7D0041

 FFE6FF

 60002B

 460017

 270001

 000000

 F553A5

 F553A5

 F53B99

 F56CB1

 F5228D

 F584BD

 F50A81

 F59DC9

 F5007C

 F5B5D5

 F5CEE1

 F5E6EE

 F5FFFA

 F5FFFF

Harmonies

Analogous

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



C96BDE



F553A5



FC5568

Triad

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



F553A5



849B00



00A9F0

Complementary

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



F553A5



53F5A3

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.



00ADBC



F553A5



2CA63F

Square

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



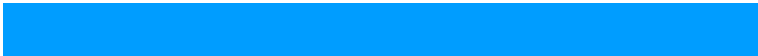
F553A5



BC8800



00AC7D



009DFF

Rectangle

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



F553A5



F16542



00AC7D



00ABE1

Sweetspot

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



F553A5



FFCCE6



A153F5



806170



000000



808080

Same Dimension

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



F553A5



FF369C



F55356



7A6E74



BA005E



3B001E

Inverse Universe

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



F553A5



FF369C



53F5F2



7A6E74



BA005E



3B001E

Previews

White Background



This preview shows how the Hex color F553A5 looks on a white background.

Color Contrast Check

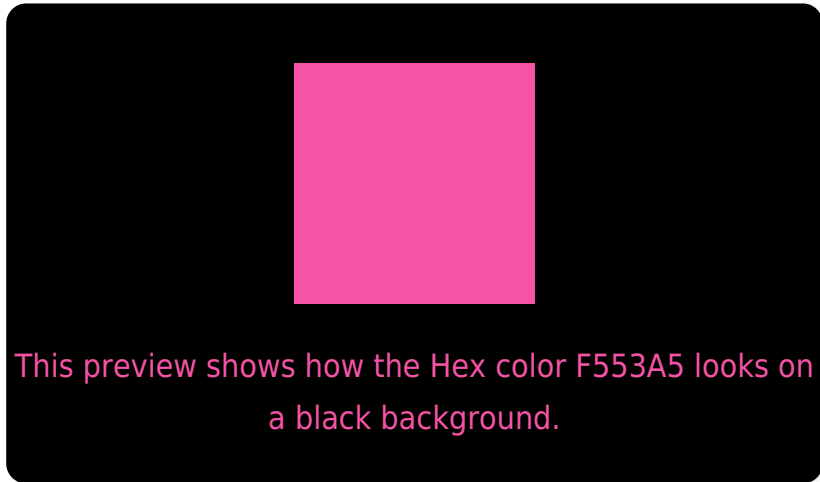
Large Text (above 18pt) WCAG AA ✓ Pass

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 F553A5 Background



This preview shows how black text looks on a background with the Hex color F553A5.




This preview shows how white text looks on a background with the Hex color F553A5.

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
F06268

Trichromacy



Original Color
F553A5



Protanomaly
A979BF



Deuteranomaly
BB78A0



Tritanomaly
F25D7E

Monochromacy



Original Color
F553A5



Achromatopsia
8D8D8D



Achromatomaly
B37896

CSS Examples

Text

The CSS property to change the color of the text to Hex F553A5 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 #F553A5 looks like.

```
.text, #text, p{  
    color:#F553A5  
}
```

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 #F553A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F553A5
}
```

Border

The CSS property to change the border of an element to Hex F553A5 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
#F553A5 }
```

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

```
.border{ border-color:#F553A5 }
```

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

Here you see how a box with a 4 pixel #F553A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F553A5; -webkit-box-shadow:4px 4px  
4px 4px #F553A5; box-shadow:4px 4px 4px  
4px #F553A5 }
```

Background

The CSS property to change the background color of an element to Hex F553A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F553A5 }
```

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

```
.background{ background-color:#F553A5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor