

Converting Colors

Hex(FF65A3)

Have a look what the booklet for
Hex(FF65A3) contains.

Hex(FF65A3)	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(F65A3)

Conversions

Conversions Part 1

Format	Color
Hex	FF65A3
RGB	255, 101, 163
RGB Percent	100%, 40%, 64%
CMY	0.0000, 0.6039, 0.3608
CMYK	0.00, 0.60, 0.36, 0.00
HSL	336°, 100%, 70%
HSV	336°, 60%, 100%
XYZ	52.5045, 33.2117, 38.2935
YIQ	154.1140, 71.8820, 51.9300

Conversions

Conversions Part 2

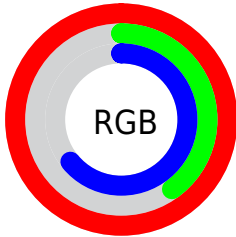
Format	Color
R_{YB}	255, 101, 163
Decimal	16737699
CIE _{Lab}	64.33, 64.00, -2.67
CIE _{LCh}	64, 64.054, 357.611
Yxy	33.2117, 0.4234, 0.2678
Android (android.graphics.Color)	4294927779 (0xFFFF65A3)
YUV	154.1140, 4.3808, 88.4770
Hunter-Lab	57.6296, 61.7740, 0.9439

Details

The Hex color **FF65A3** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65FFC1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF9EDA**, and **C2276F** is the 20% darker color. If you saturate the color by 10%, you get **FF4B94**, and if you desaturate by 10%, it is **FF7EB2**.

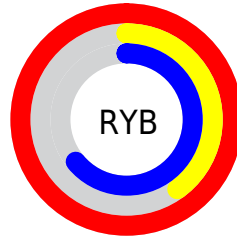
Distribution



Red (100%)

Green (40%)

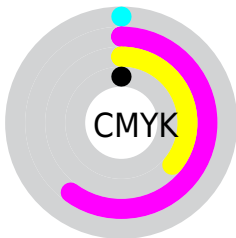
Blue (64%)



Red (100%)

Yellow (40%)

Blue (64%)

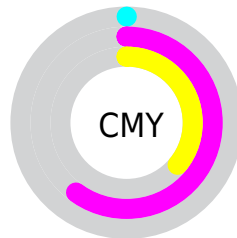


Cyan (0%)

Magenta (60%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF65A3 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 FF65A3 by changing the saturation by 10% instead.

 FF65A3

 FF65A3

FFFFFF

 E04889

 FF9EDA

 C2276F

 FFBBF6

 A40057

 FFD8FF

 870040

 FFF6FF

 6A002A

 4D0016

 320002

 000000

 FF65A3

 FF65A3

 FF4B94

 FF7EB2

 FF3285

 FF98C1

 FF1875

 FFB2D1

 FF0067

 FFCBE0

 FFE4EF

FFFEFE

FFFFFF

Harmonies

Analogous

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



DD75DA



FF65A3



FF6B6A

Triad

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



FF65A3



85A82B



00B1FC

Complementary

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



FF65A3



65FFC1

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.



00B7CF



FF65A3



2EB25B

Square

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



FF65A3



BD9819



00B795



00A4FF

Rectangle

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



FF65A3



F37949



00B795



00B4EF

Sweetspot

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



FF65A3



FFD1E4



BF65FF



80636F



000000



808080

Same Dimension

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



FF65A3



FF4791



FF7265



807378



BF004D



40001A

Inverse Universe

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



FF65A3



FF4791



65F2FF



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color FF65A3 looks on a white background.

Color Contrast Check

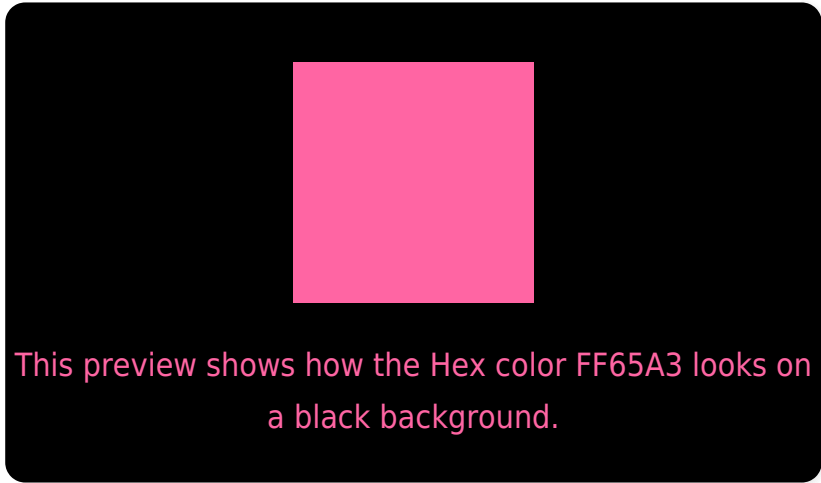
Large Text (above 18pt) WCAG AA × Fail

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 FF65A3 Background



This preview shows how black text looks on a background with the Hex color FF65A3.

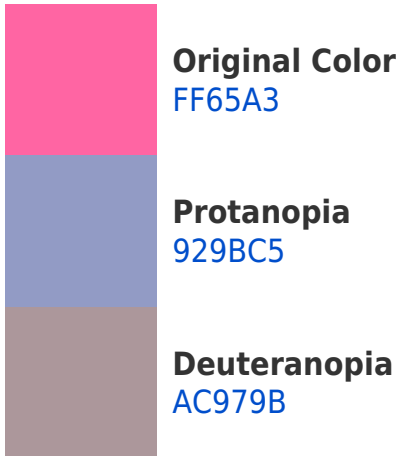


This preview shows how white text looks on a background with the Hex color FF65A3.

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
FC6F76

Trichromacy



Original Color
FF65A3



Protanomaly
BA87B9



Deuteranomaly
CA859E



Tritanomaly
FD6B86

Monochromacy



Original Color
FF65A3



Achromatopsia
9A9A9A



Achromatomaly
BF879D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF65A3 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 #FF65A3 looks like.

```
.text, #text, p{  
    color:#FF65A3  
}
```

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 #FF65A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF65A3
}
```

Border

The CSS property to change the border of an element to Hex FF65A3 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
#FF65A3 }
```

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

```
.border{ border-color:#FF65A3 }
```

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

Here you see how a box with a 4 pixel #FF65A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF65A3; -webkit-box-shadow:4px 4px  
4px 4px #FF65A3; box-shadow:4px 4px 4px  
4px #FF65A3 }
```

Background

The CSS property to change the background color of an element to Hex FF65A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF65A3 }
```

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

```
.background{ background-color:#FF65A3 }
```

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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