

Converting Colors

Hex(FF63A4)

Have a look what the booklet for
Hex(FF63A4) contains.

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Color

Hex(F63A4)

Conversions

Conversions Part 1

Format	Color
Hex	FF63A4
RGB	255, 99, 164
RGB Percent	100%, 39%, 64%
CMY	0.0000, 0.6118, 0.3569
CMYK	0.00, 0.61, 0.36, 0.00
HSL	335°, 100%, 69%
HSV	335°, 61%, 100%
XYZ	52.4027, 32.8640, 38.7034
YIQ	153.0540, 72.1110, 53.2870

Conversions

Conversions Part 2

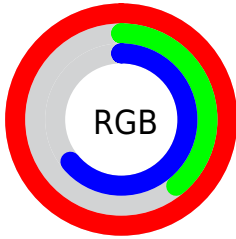
Format	Color
RYB	255, 99, 164
Decimal	16737188
CIELab	64.05, 64.95, -3.66
CIELCh	64, 65.049, 356.778
Yxy	32.8640, 0.4227, 0.2651
Android (android.graphics.Color)	4294927268 (0xFFFF63A4)
YUV	153.0540, 5.3964, 89.4066
Hunter-Lab	57.3271, 62.8441, 0.1004

Details

The Hex color **FF63A4** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **63FFBE**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF9CDB**, and **C22370** is the 20% darker color. If you saturate the color by 10%, you get **FF4995**, and if you desaturate by 10%, it is **FF7CB3**.

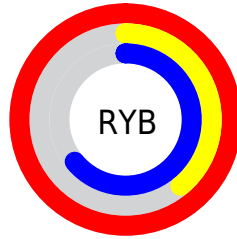
Distribution



Red (100%)

Green (39%)

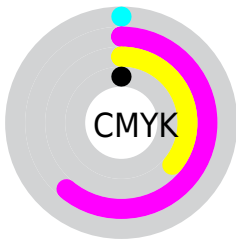
Blue (64%)



Red (100%)

Yellow (39%)

Blue (64%)

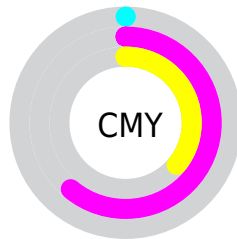


Cyan (0%)

Magenta (61%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF63A4 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 FF63A4 by changing the saturation by 10% instead.

 FF63A4

 FF63A4

FFFFFF

 E0458A

 FF9CDB

 C22370

 FFB9F7

 A40058

 FFD7FF

 870041

 FFF4FF

 6A002B

 4D0017

 310002

 000000

 FF63A4

 FF63A4

 FF4995

 FF7CB3

 FF3086

 FF96C2

 FF1677

 FFB0D1

 FF006A

 FFC9DF

 FFE3EE

 FFFCFD

FFFFFF

Harmonies

Analogous

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



DB75DC



FF63A4



FF696A

Triad

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



FF63A4



85A726



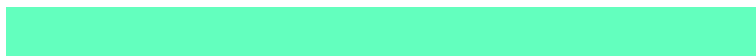
00B1FC

Complementary

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



FF63A4



63FFBE

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.



00B6CE



FF63A4



2EB158

Square

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



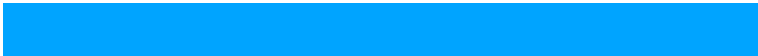
FF63A4



BE9614



00B693



00A4FF

Rectangle

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



FF63A4



F47748



00B693



00B3EF

Sweetspot

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



FF63A4



FFD1E4



BE63FF



80636F



000000



808080

Same Dimension

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



FF63A4



FF4592



FF7063



807378



BF0050



40001B

Inverse Universe

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



FF63A4



FF4592



63F2FF



807378



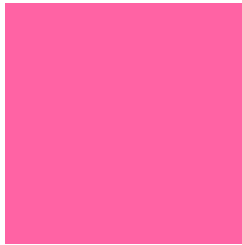
BF0050



40001B

Previews

White Background



This preview shows how the Hex color FF63A4 looks on a white background.

Color Contrast Check

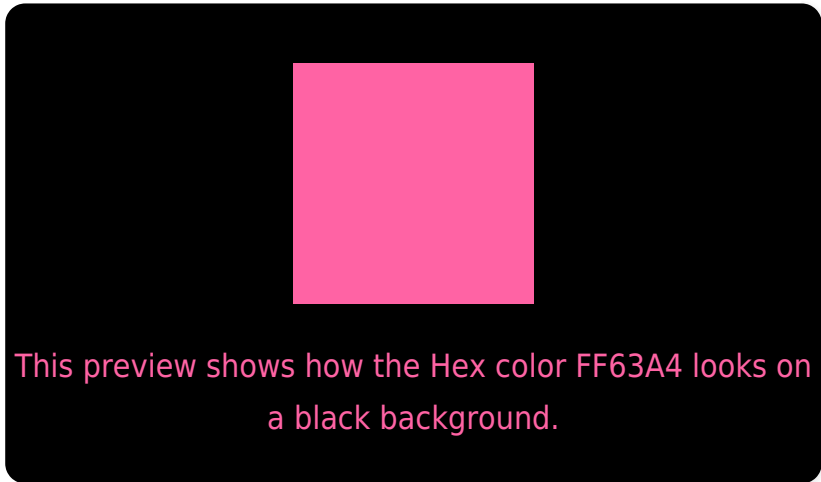
Large Text (above 18pt) WCAG AA × Fail

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 FF63A4 Background



This preview shows how black text looks on a background with the Hex color FF63A4.



This preview shows how white text looks on a background with the Hex color FF63A4.

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



Original Color
FF63A4

Protanopia
909AC7

Deuteranopia
AA979C



Tritanopia
FB6D74

Trichromacy



Original Color
FF63A4



Protanomaly
B886BA



Deuteranomaly
C9849F



Tritanomaly
FC6985

Monochromacy



Original Color
FF63A4



Achromatopsia
999999



Achromatomaly
BE859D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF63A4 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 #FF63A4 looks like.

```
.text, #text, p{  
    color:#FF63A4  
}
```

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 #FF63A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF63A4
}
```

Border

The CSS property to change the border of an element to Hex FF63A4 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
#FF63A4 }
```

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

```
.border{ border-color:#FF63A4 }
```

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

Here you see how a box with a 4 pixel #FF63A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF63A4; -webkit-box-shadow:4px 4px  
4px 4px #FF63A4; box-shadow:4px 4px 4px  
4px #FF63A4 }
```

Background

The CSS property to change the background color of an element to Hex FF63A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF63A4 }
```

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

```
.background{ background-color:#FF63A4 }
```

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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