

Converting Colors

Hex(F64E6A)

Have a look what the booklet for
Hex(F64E6A) contains.

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Color

Hex(F64E6A)

Conversions

Conversions Part 1	
Format	Color
Hex	F64E6A
RGB	246, 78, 106
RGB Percent	96%, 31%, 42%
CMY	0.0353, 0.6941, 0.5843
CMYK	0.00, 0.68, 0.57, 0.04
HSL	350°, 90%, 64%
HSV	350°, 68%, 96%
XYZ	43.3319, 26.0822, 16.3862
YIQ	131.4240, 91.1400, 44.3240

Conversions

Conversions Part 2

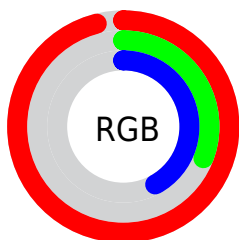
Format	Color
RYB	246, 78, 106
Decimal	16141930
CIELab	58.12, 65.36, 21.40
CIELCh	58, 68.776, 18.131
Yxy	26.0822, 0.5050, 0.3040
Android (android.graphics.Color)	4294332010 (0xFFFF64E6A)
YUV	131.4240, -12.5340, 100.4832
Hunter-Lab	51.0708, 62.0779, 16.7262

Details

The Hex color **F64E6A** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **4EF6DA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF889D**, and **B7003B** is the 20% darker color. If you saturate the color by 10%, you get **F63556**, and if you desaturate by 10%, it is **F6677F**.

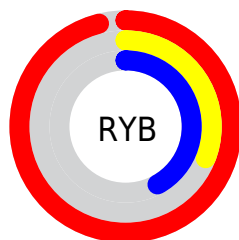
Distribution



Red (96%)

Green (31%)

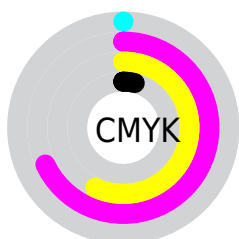
Blue (42%)



Red (96%)

Yellow (31%)

Blue (42%)

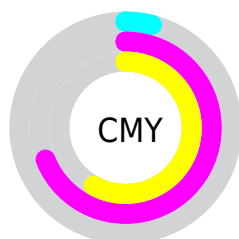


Cyan (0%)

Magenta (68%)

Yellow (57%)

Black (4%)



Cyan (4%)

Magenta (69%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color F64E6A 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 F64E6A by changing the saturation by 10% instead.

 F64E6A

 F64E6A

FFFFFF

 D62D52

 FF889D

 B7003B

 FFA5B8

 980026

 FFC2D3

 7A0012

 FFE0F0

 5B0001

FFFEFF

 3F0003

 1B0001

 000000

 F64E6A

 F64E6A

 F63556

 F6677F

 F61D41

 F67F93

 F6042D

 F698A8

 F60029

 F6B0BC

 F6C9D1

 F6E2E5

 F6FAFA

 F6FFFF

Harmonies

Analogous

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



EB4FA6



F64E6A



E36632

Triad

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



F64E6A



36A034



009AFF

Complementary

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



F64E6A



4EF6DA

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.



00A4E5



F64E6A



00A671

Square

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



F64E6A



859400



00A7B0



5386FF

Rectangle

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



F64E6A



CA7806



00A7B0



009EFC

Sweetspot

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



F64E6A



FFCCD5



DA4EF6



806166



000000



808080

Same Dimension

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



F64E6A



FF2E51



F6864E



7A6E70



BA001F



3B000A

Inverse Universe

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



F64E6A



FF2E51



4EBEF6



7A6E70



BA001F



3B000A

Previews

White Background



This preview shows how the Hex color F64E6A looks on a white background.

Color Contrast Check

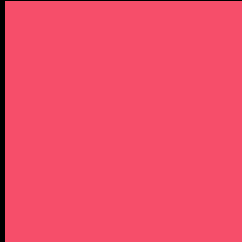
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color F64E6A looks on a 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 F64E6A Background



This preview shows how black text looks on a background with the Hex color F64E6A.



This preview shows how white text looks on a background with the Hex color F64E6A.

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

F64E6A

Protanopia

908B87


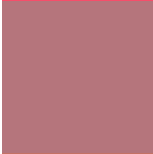


Deuteranopia

A78662






Tritanopia
F55256

Trichromacy

	Original Color F64E6A
	Protanomaly B5757C
	Deuteranomaly C47265
	Tritanomaly F5515D

Monochromacy

	Original Color F64E6A
	Achromatopsia 838383
	Achromatomaly AD707A

CSS Examples

Text

The CSS property to change the color of the text to Hex F64E6A 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 #F64E6A looks like.

```
.text, #text, p{  
    color:#F64E6A  
}
```

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 #F64E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F64E6A
}
```

Border

The CSS property to change the border of an element to Hex F64E6A 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
#F64E6A }
```

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

```
.border{ border-color:#F64E6A }
```

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

Here you see how a box with a 4 pixel #F64E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F64E6A; -webkit-box-shadow:4px 4px  
4px 4px #F64E6A; box-shadow:4px 4px 4px  
4px #F64E6A }
```

Background

The CSS property to change the background color of an element to Hex F64E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F64E6A }
```

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

```
.background{ background-color:#F64E6A }
```

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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