

Converting Colors

Hex(FF6870)

Have a look what the booklet for
Hex(FF6870) contains.

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Color

Hex(F6870)

Conversions

Conversions Part 1

Format	Color
Hex	FF6870
RGB	255, 104, 112
RGB Percent	100%, 41%, 44%
CMY	0.0000, 0.5922, 0.5608
CMYK	0.00, 0.59, 0.56, 0.00
HSL	357°, 100%, 70%
HSV	357°, 59%, 100%
XYZ	49.1149, 32.3305, 18.9810
YIQ	150.0610, 87.4280, 34.5000

Conversions

Conversions Part 2

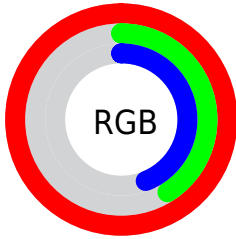
Format	Color
R_{YB}	255, 104, 112
Decimal	16738416
CIE _{Lab}	63.62, 58.06, 25.54
CIE _{LCh}	64, 63.433, 23.745
Yxy	32.3305, 0.4891, 0.3219
Android (android.graphics.Color)	4294928496 (0xFFFF6870)
YUV	150.0610, -18.7641, 92.0315
Hunter-Lab	56.8599, 54.6815, 20.0097

Details

The Hex color **FF6870** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **68FFF7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA0A4**, and **C12E40** is the 20% darker color. If you saturate the color by 10%, you get **FF4F58**, and if you desaturate by 10%, it is **FF8288**.

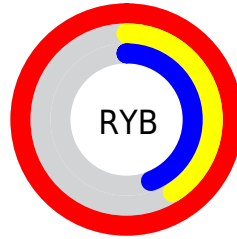
Distribution



Red (100%)

Green (41%)

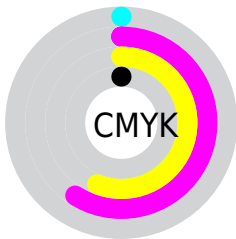
Blue (44%)



Red (100%)

Yellow (41%)

Blue (44%)

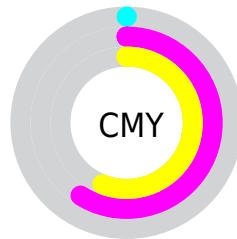


Cyan (0%)

Magenta (59%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6870 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 FF6870 by changing the saturation by 10% instead.

 FF6870

 FF6870

FFFFFF

 E04C58

 FFA0A4

 C12E40

 FFBDBF

 A2002A

 FFDADB

 830016

 FFF7F7

 660000

 480001

 2B0001

 000000

 FF6870

 FF6870

■ FF4F58

■ FF8288

■ FF3540

■ FF9BA0

■ FF1B28

■ FFB4B8

■ FF020F

■ FFCED1

■ FF000E

■ FFE8E9

FFFFFF

Harmonies

Analogous

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



F965A8



FF6870



EA7D3F

Triad

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



FF6870



3FAF53



00A4FF

Complementary

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



FF6870



68FFF7

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.



00B0F4



FF6870



00B48C

Square

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



FF6870



8BA426



00B5C6



8490FF

Rectangle

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



FF6870



D08C24



00B5C6



00A9FF

Sweetspot

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



FF6870



FFD1D4



F568FF



806365



000000



808080

Same Dimension

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



FF6870



FF4A54



FFA968



807373



BF000A



400003

Inverse Universe

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



FF6870



FF4A54



68BEFF



807373



BF000A



400003

Previews

White Background



This preview shows how the Hex color FF6870 looks on a white background.

Color Contrast Check

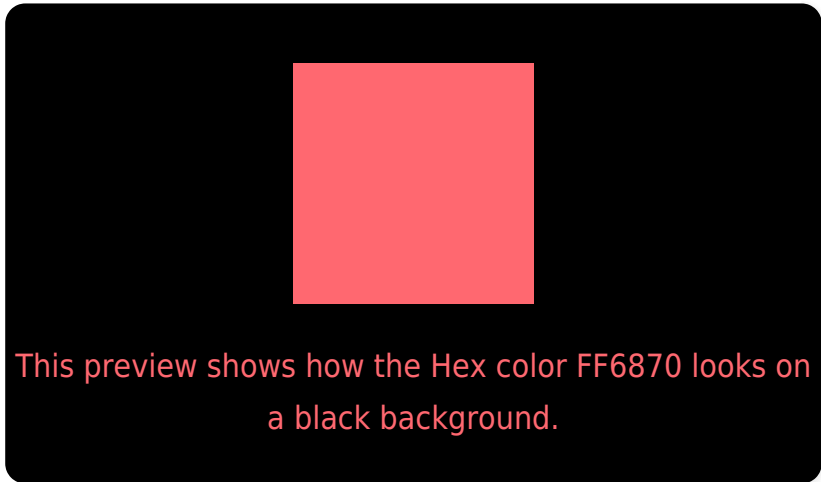
Large Text (above 18pt) WCAG AA × Fail

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 FF6870 Background



This preview shows how black text looks on a background with the Hex color FF6870.

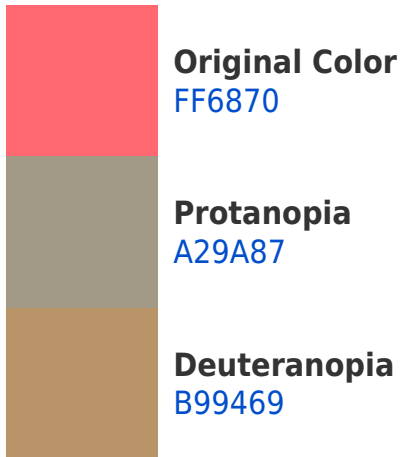


This preview shows how white text looks on a background with the Hex color FF6870.

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
FF686F

Trichromacy



Original Color
FF6870

Protanomaly
C4887F

Deuteranomaly
D2846C

Tritanomaly
FF686F

Monochromacy



Original Color
FF6870

Achromatopsia
969696

Achromatomaly
BC8588

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6870 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 #FF6870 looks like.

```
.text, #text, p{  
    color:#FF6870  
}
```

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 #FF6870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6870
}
```

Border

The CSS property to change the border of an element to Hex FF6870 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
#FF6870 }
```

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

```
.border{ border-color:#FF6870 }
```

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

Here you see how a box with a 4 pixel #FF6870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6870; -webkit-box-shadow:4px 4px  
4px 4px #FF6870; box-shadow:4px 4px 4px  
4px #FF6870 }
```

Background

The CSS property to change the background color of an element to Hex FF6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6870 }
```

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

```
.background{ background-color:#FF6870 }
```

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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