

# Converting Colors

Hex(FF666A)

Have a look what the booklet for  
Hex(FF666A) contains.

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# **Color**

**Hex(F6666A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF666A
RGB	255, 102, 106
RGB Percent	100%, 40%, 42%
CMY	0.0000, 0.6000, 0.5843
CMYK	0.00, 0.60, 0.58, 0.00
HSL	358°, 100%, 70%
HSV	358°, 60%, 100%
XYZ	48.5929, 31.8033, 17.2132
YIQ	148.2030, 89.9040, 33.6800

# Conversions

## Conversions Part 2

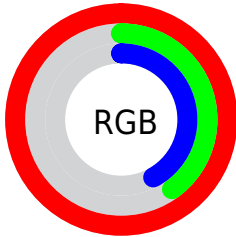
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 102, 106
Decimal	16737898
CIE <sub>Lab</sub>	63.18, 58.51, 28.37
CIE <sub>LCh</sub>	63, 65.029, 25.871
Yxy	31.8033, 0.4978, 0.3258
Android (android.graphics.Color)	4294927978 (0xFFFF666A)
YUV	148.2030, -20.8061, 93.6610
Hunter-Lab	56.3945, 55.1161, 21.3791

# Details

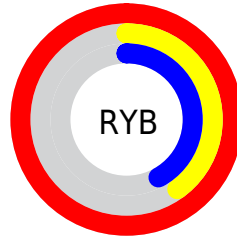
The Hex color **FF666A** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **66FFFB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9E9D**, and **C02B3B** is the 20% darker color. If you saturate the color by 10%, you get **FF4D51**, and if you desaturate by 10%, it is **FF8083**.

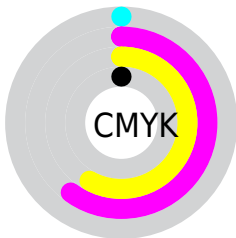
# Distribution



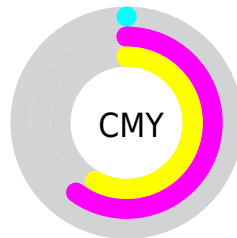
- Red (100%)
- Green (40%)
- Blue (42%)



- Red (100%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF666A 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 FF666A by changing the saturation by 10% instead.



 FF666A

 FF666A

FFFFFF

 DF4A52

 FF9E9D

 C02B3B

 FFBBB8

 A10025

 FFD8D4

 830011

 FFF5F0

 650000

 480002

 2A0001

 000000

 FF666A

 FF666A

 FF4D51

 FF8083

 FF3338

 FF999C

 FF191F

 FFB3B4

 FF0007

 FFCCCD

 FFE6E6

FFFFFF

# Harmonies

## Analogous

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



FC61A3



FF666A



E77C38

# Triad

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



FF666A



2FAF54



00A2FF

# Complementary

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



FF666A



66FFFB

# 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.



00AFF8



FF666A



00B48F

# Square

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



FF666A



85A422



00B4CA



8A8DFF

# Rectangle

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



FF666A



CC8C1C



00B4CA



00A7FF



# Sweetspot

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



FF666A



FFD1D2



FA66FF



806364



000000



808080



# Same Dimension

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



FF666A



FF474C



FFAD66



807373



BF0005



400002



# Inverse Universe

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



FF666A



FF474C



66B8FF



807373



BF0005



400002



# Previews

## White Background



This preview shows how the Hex color FF666A looks on a white background.

## Color Contrast Check

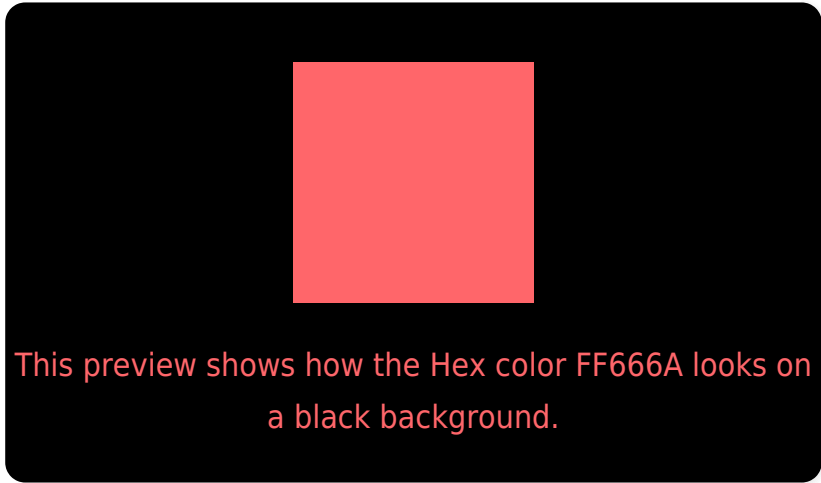
Large Text (above 18pt) WCAG AA × Fail

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 FF666A Background



This preview shows how black text looks on a background with the Hex color FF666A.

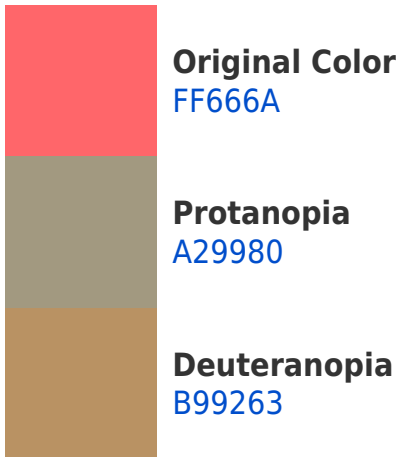


This preview shows how white text looks on a background with the Hex color FF666A.

# 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](#).

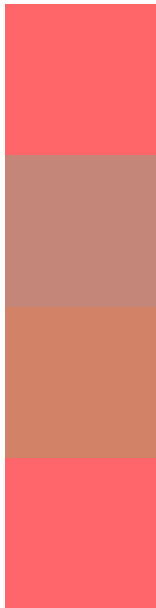
## Dichromacy





**Tritanopia**  
FF666C

# Trichromacy



**Original Color**  
FF666A

**Protanomaly**  
C48678

**Deuteranomaly**  
D28266

**Tritanomaly**  
FF666B

# Monochromacy



**Original Color**  
FF666A

**Achromatopsia**  
949494

**Achromatomaly**  
BB8385

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF666A 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 #FF666A looks like.

```
.text, #text, p{  
    color:#FF666A  
}
```

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 #FF666A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF666A
}
```

## Border

The CSS property to change the border of an element to Hex FF666A 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
#FF666A }
```

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

```
.border{ border-color:#FF666A }
```

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

Here you see how a box with a 4 pixel #FF666A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF666A; -webkit-box-shadow:4px 4px  
4px 4px #FF666A; box-shadow:4px 4px 4px  
4px #FF666A }
```

# Background

The CSS property to change the background color of an element to Hex FF666A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF666A }
```

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

```
.background{ background-color:#FF666A }
```

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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