

# Converting Colors

Hex(FF556F)

Have a look what the booklet for  
Hex(FF556F) contains.

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# Color

**Hex(F5556F)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FF556F
RGB	255, 85, 111
RGB Percent	100%, 33%, 44%
CMY	0.0000, 0.6667, 0.5647
CMYK	0.00, 0.67, 0.56, 0.00
HSL	351°, 100%, 67%
HSV	351°, 67%, 100%
XYZ	47.3577, 28.9047, 18.1221
YIQ	138.7940, 92.9740, 44.1260

# Conversions

## Conversions Part 2

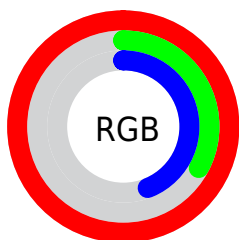
Format	Color
<a href="#">RYB</a>	<a href="#">255, 85, 111</a>
Decimal	<a href="#">16733551</a>
CIELab	<a href="#">60.70, 65.80, 22.22</a>
CIELCh	<a href="#">61, 69.448, 18.663</a>
Yxy	<a href="#">28.9047, 0.5018, 0.3062</a>
Android (android.graphics.Color)	<a href="#">4294923631</a> (0xFFFF556F)
YUV	<a href="#">138.7940, -13.7024, 101.9127</a>
Hunter-Lab	<a href="#">53.7631, 63.1481, 17.6491</a>

# Details

The Hex color **FF556F** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **55FFE5**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF8FA2**, and **C00540** is the 20% darker color. If you saturate the color by 10%, you get **FF3B59**, and if you desaturate by 10%, it is **FF6E85**.

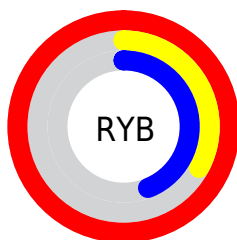
# Distribution



Red (100%)

Green (33%)

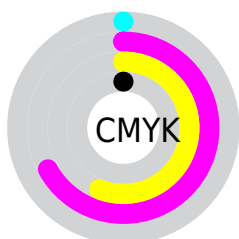
Blue (44%)



Red (100%)

Yellow (33%)

Blue (44%)

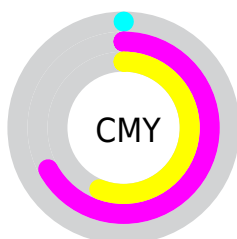


Cyan (0%)

Magenta (67%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (67%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF556F 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 FF556F by changing the saturation by 10% instead.



 FF556F

FFFFFF

 FF8FA2

 FFACBD

 FFC9D9

 FFE7F6

 FF556F

 DF3557

 C00540

 A1002A

 820016

 640000

 470003

 270001

 000000

 FF556F

 FF556F

 FF3B59

 FF6E85

 FF2244

 FF889A

 FF082E

 FFA2B0

 FF0027

 FFBBC5

 FFD4DB

 FFE EF1

FFFFFF

# Harmonies

## Analogous

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



F456AC



FF556F



EC6D37

# Triad

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



FF556F



3BA73A



00A0FF

# Complementary

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



FF556F



55FFE5

# 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.



00ABEE



FF556F



00AD78

# Square

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



FF556F



8B9B00



00AFB8



5E8CFF

# Rectangle

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



FF556F



D27F0E



00AFB8



00A5FF



# Sweetspot

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



FF556F



FFCCD4



E355FF



806166



000000



808080



# Same Dimension

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



FF556F



FF3352



FF8E55



807375



BF001D



40000A



# Inverse Universe

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



FF556F



FF3352



55C6FF



807375



BF001D



40000A



# Previews

## White Background



This preview shows how the Hex color FF556F looks on a white background.

## Color Contrast Check

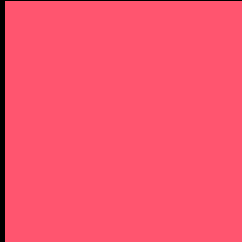
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF556F 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 FF556F Background



This preview shows how black text looks on a background with the Hex color FF556F.



This preview shows how white text looks on a background with the Hex color FF556F.

# 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**

FF556F

**Protanopia**

97928C


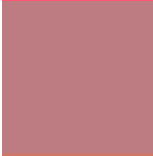


**Deuteranopia**

AF8C67





**Tritanopia**  
FE585D

# Trichromacy

	<b>Original Color</b> FF556F
	<b>Protanomaly</b> BD7C81
	<b>Deuteranomaly</b> CC786A
	<b>Tritanomaly</b> FE5764

# Monochromacy

	<b>Original Color</b> FF556F
	<b>Achromatopsia</b> 8B8B8B
	<b>Achromatomaly</b> B57781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF556F 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 #FF556F looks like.

```
.text, #text, p{  
    color:#FF556F  
}
```

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 #FF556F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF556F
}
```

## Border

The CSS property to change the border of an element to Hex FF556F 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
#FF556F }
```

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

```
.border{ border-color:#FF556F }
```

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

Here you see how a box with a 4 pixel #FF556F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF556F; -webkit-box-shadow:4px 4px  
4px 4px #FF556F; box-shadow:4px 4px 4px  
4px #FF556F }
```

# Background

The CSS property to change the background color of an element to Hex FF556F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF556F }
```

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

```
.background{ background-color:#FF556F }
```

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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