

Converting Colors

Hex(3F5784)

Have a look what the booklet for
Hex(3F5784) contains.

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Color

Hex(3F5784)

Conversions

Conversions Part 1

Format	Color
Hex	3F5784
RGB	63, 87, 132
RGB Percent	25%, 34%, 52%
CMY	0.7529, 0.6588, 0.4824
CMYK	0.52, 0.34, 0.00, 0.48
HSL	219°, 35%, 38%
HSV	219°, 52%, 52%
XYZ	9.6230, 9.5391, 23.1638
YIQ	84.9540, -28.7490, 8.9070

Conversions

Conversions Part 2

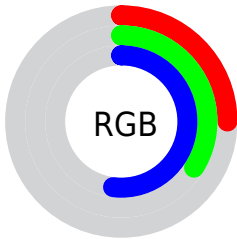
Format	Color
R_{YB}	63, 81, 132
Decimal	4151172
CIE _{Lab}	37.00, 4.58, -28.01
CIE _{LCh}	37, 28.382, 279.287
Yxy	9.5391, 0.2274, 0.2254
Android (android.graphics.Color)	4282341252 (0xFF3F5784)
YUV	84.9540, 23.1937, -19.2537
Hunter-Lab	30.8854, 1.5656, -22.8473




Details

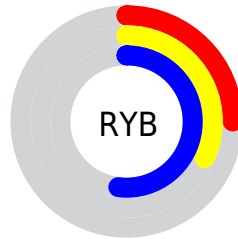
The Hex color **3F5784** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **846C3F**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **7389B9**, and **032A52** is the 20% darker color. If you saturate the color by 10%, you get **324E84**, and if you desaturate by 10%, it is **4C6084**.

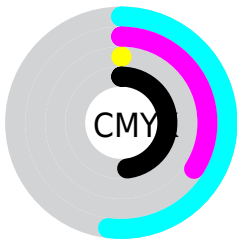
Distribution







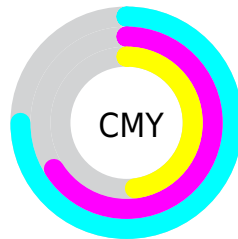
-  Red (25%)
-  Green (34%)
-  Blue (52%)






-  Red (25%)
-  Yellow (32%)
-  Blue (52%)



-  Cyan (52%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (75%)
-  Magenta (66%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5784 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 3F5784 by changing the saturation by 10% instead.

■ 3F5784

■ 3F5784

FFFFFF

■ 25406B

■ 7389B9

■ 032A52

■ 8EA3D5

■ 00163B

■ A9BEF2

■ 000225

■ C5D9FF

■ 00010D

■ E1F6FF

■ 000000

■ 3F5784

■ 3F5784

■ 324E84

■ 4C6084

■ 254684

■ 596884

■ 173D84

■ 677184

■ 0A3584

■ 747984

■ 002E84

■ 818284

■ 8E8B84

■ 9B9384

■ A99C84

■ B6A484

Harmonies

Analogous

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



005E81



3F5784



624E7B

Triad

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



3F5784



7F483B



266246

Complementary

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



3F5784



846C3F

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.



465E33



3F5784



72502C

Square

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



3F5784



824451



5E5829



00635E

Rectangle

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



3F5784



73496F



5E5829



32613F

Sweetspot

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



3F5784



9099AB



3F846C



464C57



D6D6D6



575757

Same Dimension

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



3F5784



3F65AB



493F84



3C3E42



002D82



000103

Inverse Universe

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



843F57



AB3F65



7A843F



423C3E



82002D



030001

Previews

White Background



This preview shows how the Hex color 3F5784 looks on a white background.

Color Contrast Check

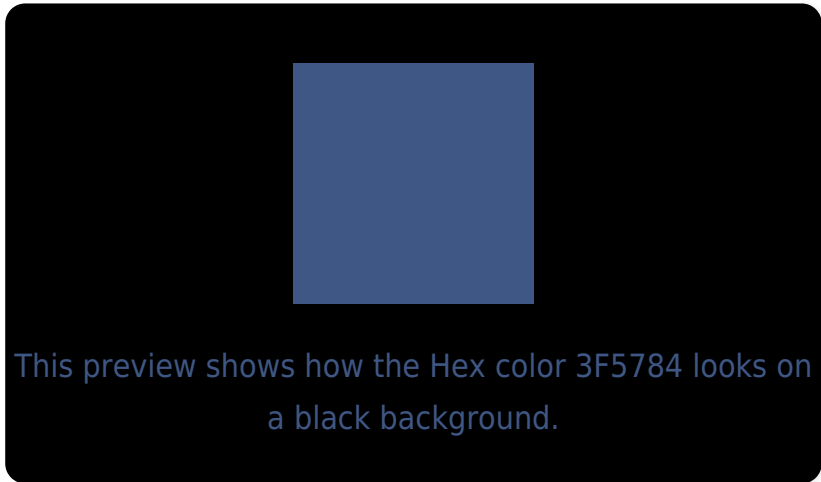
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3F5784 Background



This preview shows how black text looks on a background with the Hex color 3F5784.



This preview shows how white text looks on a background with the Hex color 3F5784.

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
3F5784

Protanopia
475583

Deuteranopia
415784



Tritanopia
345D65

Trichromacy



Original Color
3F5784

Protanomaly
445683

Deuteranomaly
405784

Tritanomaly
385B70

Monochromacy



Original Color
3F5784

Achromatopsia
555555

Achromatomaly
4D5666

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5784 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 #3F5784 looks like.

```
.text, #text, p{  
    color:#3F5784  
}
```

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 #3F5784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5784
}
```

Border

The CSS property to change the border of an element to Hex 3F5784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

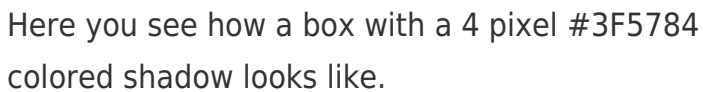
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F5784 }
```

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

```
.border{ border-color:#3F5784 }
```

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



Here you see how a box with a 4 pixel #3F5784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5784; -webkit-box-shadow:4px 4px  
4px 4px #3F5784; box-shadow:4px 4px 4px  
4px #3F5784 }
```

Background

The CSS property to change the background color of an element to Hex 3F5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5784 }
```

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

```
.background{ background-color:#3F5784 }
```

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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