

Converting Colors

Hex(3F5C88)

Have a look what the booklet for
Hex(3F5C88) contains.

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Color

Hex(3F5C88)

Conversions

Conversions Part 1

Format	Color
Hex	3F5C88
RGB	63, 92, 136
RGB Percent	25%, 36%, 53%
CMY	0.7529, 0.6392, 0.4667
CMYK	0.54, 0.32, 0.00, 0.47
HSL	216°, 37%, 39%
HSV	216°, 54%, 53%
XYZ	10.3210, 10.4886, 24.7731
YIQ	88.3450, -31.4080, 7.5360

Conversions

Conversions Part 2

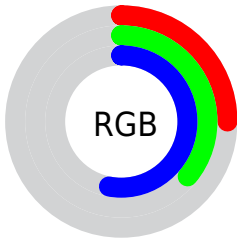
Format	Color
R_{YB}	63, 84, 136
Decimal	4152456
CIE _{Lab}	38.71, 2.74, -27.78
CIE _{LCh}	39, 27.912, 275.638
Yxy	10.4886, 0.2264, 0.2301
Android (android.graphics.Color)	4282342536 (0xFF3F5C88)
YUV	88.3450, 23.4939, -22.2276
Hunter-Lab	32.3862, 0.2095, -22.6823

Details

The Hex color **3F5C88** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **886B3F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **738EBE**, and **012F56** is the 20% darker color. If you saturate the color by 10%, you get **315488**, and if you desaturate by 10%, it is **4D6488**.

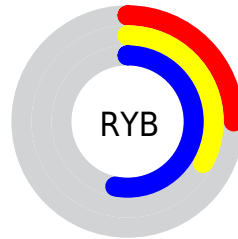
Distribution



Red (25%)

Green (36%)

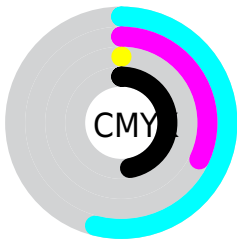
Blue (53%)



Red (25%)

Yellow (33%)

Blue (53%)

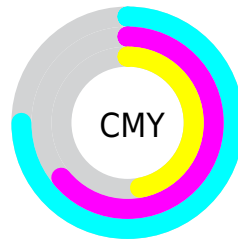


Cyan (54%)

Magenta (32%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5C88 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 3F5C88 by changing the saturation by 10% instead.

■ 3F5C88

■ 3F5C88

FFFFFF

■ 24456E

■ 738EBE

■ 012F56

■ 8EA8D9

■ 001A3E

■ AAC4F6

■ 000328

■ C6DFFF

■ 000112

■ E2FCFF

■ 000000

■ 3F5C88

■ 3F5C88

■ 315488

■ 4D6488

■ 244C88

■ 5A6C88

■ 164388

■ 687588

■ 093B88

■ 757D88

■ 003688

■ 838588

■ 918D88

■ 9E9588

■ AC9E88

■ B9A688

Harmonies

Analogous

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



016284



3F5C88



635480

Triad

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



3F5C88



844C42



306548

Complementary

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



3F5C88



886B3F

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.



4D6235



3F5C88



785332

Square

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



3F5C88



864958



655B2D



00675F

Rectangle

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



3F5C88



744E75



655B2D



3B6441

Sweetspot

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



3F5C88



949FB0



3F886B



484F59



D9D9D9



595959

Same Dimension

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



3F5C88



3F6CB0



463F88



3E4145



003585



000205

Inverse Universe

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



883F5C



B03F6C



81883F



453E41



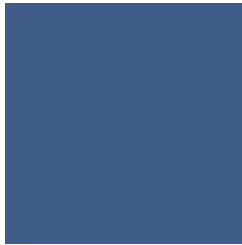
850035



050002

Previews

White Background



This preview shows how the Hex color 3F5C88 looks on a white background.

Color Contrast Check

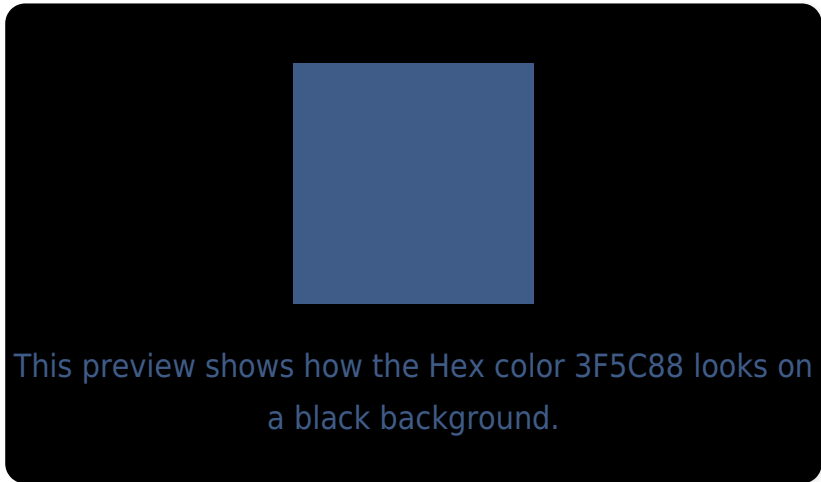
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

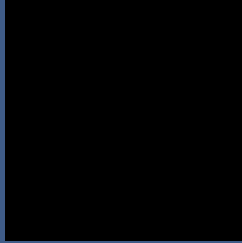
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3F5C88 Background



This preview shows how black text looks on a background with the Hex color 3F5C88.

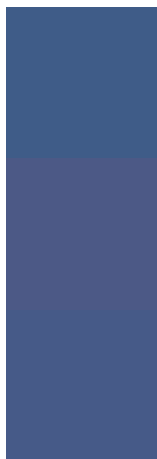


This preview shows how white text looks on a background with the Hex color 3F5C88.

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
3F5C88

Protanopia
4C5986

Deuteranopia
465A88



Tritanopia
34626A

Trichromacy



Original Color
3F5C88

Protanomaly
475A87

Deuteranomaly
435B88

Tritanomaly
386075

Monochromacy



Original Color
3F5C88

Achromatopsia
585858

Achromatomaly
4F5969

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5C88 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 #3F5C88 looks like.

```
.text, #text, p{  
    color:#3F5C88  
}
```

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 #3F5C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5C88
}
```

Border

The CSS property to change the border of an element to Hex 3F5C88 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
#3F5C88 }
```

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

```
.border{ border-color:#3F5C88 }
```

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

Here you see how a box with a 4 pixel #3F5C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5C88; -webkit-box-shadow:4px 4px  
4px 4px #3F5C88; box-shadow:4px 4px 4px  
4px #3F5C88 }
```

Background

The CSS property to change the background color of an element to Hex 3F5C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5C88 }
```

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

```
.background{ background-color:#3F5C88 }
```

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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