

Converting Colors

Hex(3F5A84)

Have a look what the booklet for
Hex(3F5A84) contains.

Hex(3F5A84)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F5A84)

Conversions

Conversions Part 1

Format	Color
Hex	3F5A84
RGB	63, 90, 132
RGB Percent	25%, 35%, 52%
CMY	0.7529, 0.6471, 0.4824
CMYK	0.52, 0.32, 0.00, 0.48
HSL	217°, 35%, 38%
HSV	217°, 52%, 52%
XYZ	9.8709, 10.0350, 23.2465
YIQ	86.7150, -29.5740, 7.3380

Conversions

Conversions Part 2

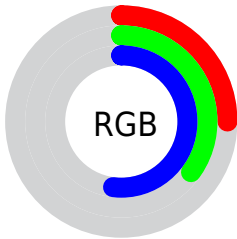
Format	Color
R_{YB}	63, 82, 132
Decimal	4151940
CIE _{Lab}	37.91, 2.67, -26.60
CIE _{LCh}	38, 26.729, 275.738
Yxy	10.0350, 0.2287, 0.2325
Android (android.graphics.Color)	4282342020 (0xFF3F5A84)
YUV	86.7150, 22.3255, -20.7981
Hunter-Lab	31.6781, 0.1840, -21.3344

Details

The Hex color **3F5A84** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **84693F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **738CB9**, and **042D52** is the 20% darker color. If you saturate the color by 10%, you get **325284**, and if you desaturate by 10%, it is **4C6284**.

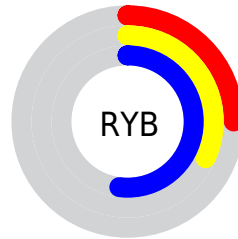
Distribution



 Red (25%)

 Green (35%)

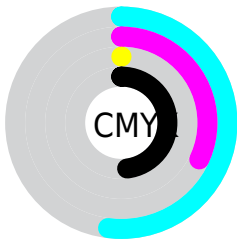
 Blue (52%)




 Red (25%)

 Yellow (32%)

 Blue (52%)

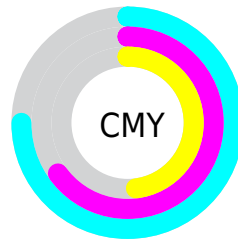


 Cyan (52%)

 Magenta (32%)

 Yellow (0%)

 Black (48%)



 Cyan (75%)

 Magenta (65%)

 Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5A84 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 3F5A84 by changing the saturation by 10% instead.

■ 3F5A84

■ 3F5A84

FFFFFF

■ 25436B

■ 738CB9

■ 042D52

■ 8EA6D5

■ 00193B

■ A9C1F2

■ 000225

■ C5DDFF

■ 00010E

■ E1FAFF

■ 000000

■ 3F5A84

■ 3F5A84

■ 325284

■ 4C6284

■ 254A84

■ 596A84

■ 174284

■ 677284

■ 0A3A84

■ 747A84

■ 003484

■ 818284

■ 8E8A84

■ 9B9284

■ A99A84

■ B6A284

Harmonies

Analogous

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



0B6080



3F5A84



61527C

Triad

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



3F5A84



814B41



306347

Complementary

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



3F5A84



84693F

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.



4C5F35



3F5A84



755232

Square

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



3F5A84



824856



63592D



04655D

Rectangle

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



3F5A84



714D72



63592D



3A6240

Sweetspot

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



3F5A84



909AAB



3F8468



464D57



D6D6D6



575757

Same Dimension

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



3F5A84



3F69AB



463F84



3C3E42



003382



000103

Inverse Universe

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



843F5A



AB3F69



7D843F



423C3E



820033



030001

Previews

White Background



This preview shows how the Hex color 3F5A84 looks on a white background.

Color Contrast Check

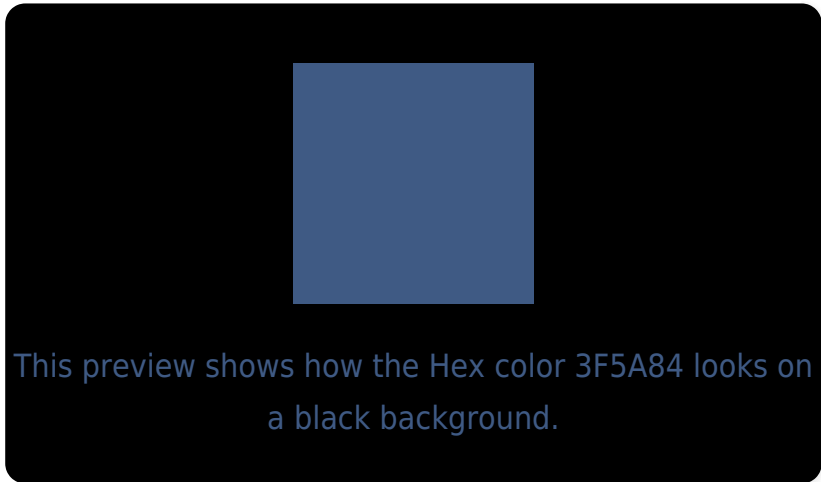
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F5A84 Background



This preview shows how black text looks on a background with the Hex color 3F5A84.

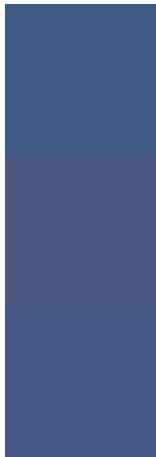


This preview shows how white text looks on a background with the Hex color 3F5A84.

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
3F5A84

Protanopia
4B5882

Deuteranopia
465884



Tritanopia
356067

Trichromacy



Original Color
3F5A84

Protanomaly
475983

Deuteranomaly
435984

Tritanomaly
395E72

Monochromacy



Original Color
3F5A84

Achromatopsia
575757

Achromatomaly
4E5867

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5A84 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 #3F5A84 looks like.

```
.text, #text, p{  
    color:#3F5A84  
}
```

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 #3F5A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5A84
}
```

Border

The CSS property to change the border of an element to Hex 3F5A84 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
#3F5A84 }
```

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

```
.border{ border-color:#3F5A84 }
```

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

Here you see how a box with a 4 pixel #3F5A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5A84; -webkit-box-shadow:4px 4px  
4px 4px #3F5A84; box-shadow:4px 4px 4px  
4px #3F5A84 }
```

Background

The CSS property to change the background color of an element to Hex 3F5A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5A84 }
```

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

```
.background{ background-color:#3F5A84 }
```

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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