

Converting Colors

Hex(3F5397)

Have a look what the booklet for
Hex(3F5397) contains.

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Color

Hex(3F5397)

Conversions

Conversions Part 1

Format	Color
Hex	3F5397
RGB	63, 83, 151
RGB Percent	25%, 33%, 59%
CMY	0.7529, 0.6745, 0.4078
CMYK	0.58, 0.45, 0.00, 0.41
HSL	226°, 41%, 42%
HSV	226°, 58%, 59%
XYZ	10.7291, 9.4776, 30.5420
YIQ	84.7720, -33.7480, 16.9080

Conversions

Conversions Part 2

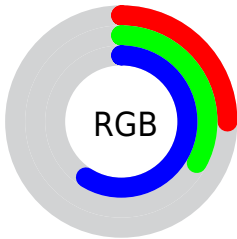
Format	Color
R_{YB}	63, 79, 151
Decimal	4150167
CIE _{Lab}	36.89, 13.68, -39.73
CIE _{LCh}	37, 42.023, 288.997
Yxy	9.4776, 0.2114, 0.1868
Android (android.graphics.Color)	4282340247 (0xFF3F5397)
YUV	84.7720, 32.6504, -19.0940
Hunter-Lab	30.7858, 8.3335, -37.2705

Details

The Hex color **3F5397** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97833F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7684CE**, and **002763** is the 20% darker color. If you saturate the color by 10%, you get **304797**, and if you desaturate by 10%, it is **4E5F97**.

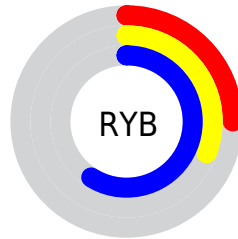
Distribution



Red (25%)

Green (33%)

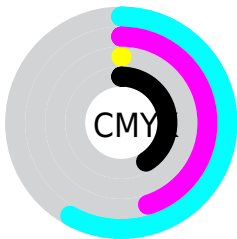
Blue (59%)



Red (25%)

Yellow (31%)

Blue (59%)

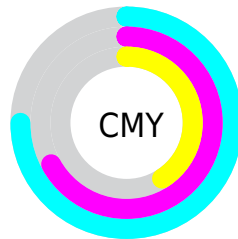


Cyan (58%)

Magenta (45%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (67%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5397 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 3F5397 by changing the saturation by 10% instead.

■ 3F5397

■ 3F5397

FFFFFF

■ 213C7D

■ 7684CE

■ 002763

■ 919EEA

■ 00134B

■ ADB9FF

■ 000434

■ C9D5FF

■ 00021E

■ E6F1FF

■ 000000

■ 3F5397

■ 3F5397

■ 304797

■ 4E5F97

■ 213C97

■ 5D6A97

■ 123097

■ 6C7697

■ 032497

■ 7B8297

■ 002297

■ 8B8D97

■ 9A9997

■ A9A597

■ B8B097

■ C7BC97

Harmonies

Analogous

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



005E99



3F5397



734484

Triad

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



3F5397



894324



006649

Complementary

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



3F5397



97833F

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.



2A6328



3F5397



72510D

Square

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



3F5397



943843



535C0E



00676C

Rectangle

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



3F5397



873B70



535C0E



00653D

Sweetspot

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



3F5397



A3ABC4



3F9782



505463



E3E3E3



636363

Same Dimension

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



3F5397



3B5AC4



563F97



45474D



00208C



00030D

Inverse Universe

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



973F53



C43B5A



80973F



4D4547



8C0020



0D0003

Previews

White Background



This preview shows how the Hex color 3F5397 looks on a white background.

Color Contrast Check

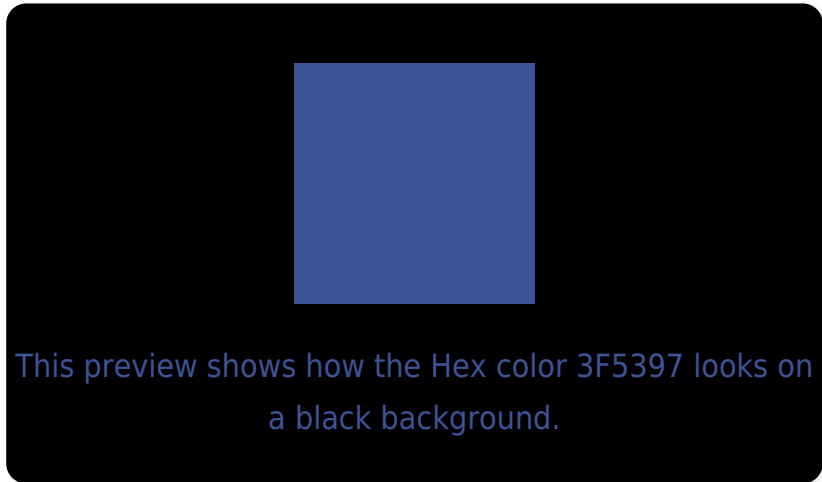
Large Text (above 18pt) WCAG AA ✓ Pass

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

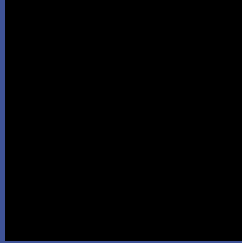
Any Text WCAG AA × Fail

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 3F5397 Background



This preview shows how black text looks on a background with the Hex color 3F5397.



This preview shows how white text looks on a background with the Hex color 3F5397.

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
3F5397

Protanopia
375498

Deuteranopia
245896



Tritanopia
2A5E66

Trichromacy



Original Color
3F5397

Protanomaly
3A5498

Deuteranomaly
2E5696

Tritanomaly
325A78

Monochromacy



Original Color
3F5397

Achromatopsia
555555

Achromatomaly
4D546D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5397 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 #3F5397 looks like.

```
.text, #text, p{  
    color:#3F5397  
}
```

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 #3F5397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5397
}
```

Border

The CSS property to change the border of an element to Hex 3F5397 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
#3F5397 }
```

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

```
.border{ border-color:#3F5397 }
```

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

Here you see how a box with a 4 pixel #3F5397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5397; -webkit-box-shadow:4px 4px  
4px 4px #3F5397; box-shadow:4px 4px 4px  
4px #3F5397 }
```

Background

The CSS property to change the background color of an element to Hex 3F5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5397 }
```

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

```
.background{ background-color:#3F5397 }
```

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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