

Converting Colors

Hex(344F7F)

Have a look what the booklet for
Hex(344F7F) contains.

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Color

Hex(344F7F)

Conversions

Conversions Part 1

Format	Color
Hex	344F7F
RGB	52, 79, 127
RGB Percent	20%, 31%, 50%
CMY	0.7961, 0.6902, 0.5020
CMYK	0.59, 0.38, 0.00, 0.50
HSL	218°, 42%, 35%
HSV	218°, 59%, 50%
XYZ	8.0429, 7.8543, 21.1708
YIQ	76.3990, -31.5000, 9.2040

Conversions

Conversions Part 2

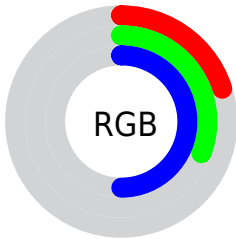
Format	Color
R_{YB}	52, 72, 127
Decimal	3428223
CIE _{Lab}	33.68, 5.39, -30.21
CIE _{LCh}	34, 30.691, 280.107
Yxy	7.8543, 0.2170, 0.2119
Android (android.graphics.Color)	4281618303 (0xFF344F7F)
YUV	76.3990, 24.9463, -21.3979
Hunter-Lab	28.0256, 2.1820, -25.1703

Details

The Hex color **344F7F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F6434**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6980B4**, and **00234D** is the 20% darker color. If you saturate the color by 10%, you get **27477F**, and if you desaturate by 10%, it is **41577F**.

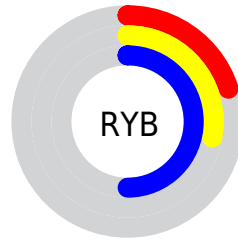
Distribution



Red (20%)

Green (31%)

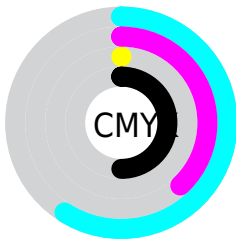
Blue (50%)



Red (20%)

Yellow (28%)

Blue (50%)

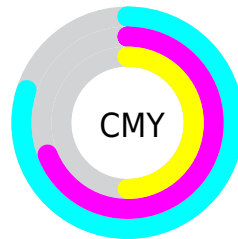


Cyan (59%)

Magenta (38%)

Yellow (0%)

Black (50%)



Cyan (80%)

Magenta (69%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344F7F 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 344F7F by changing the saturation by 10% instead.

■ 344F7F

■ 344F7F

FFFFFF

■ 173866

■ 6980B4

■ 00234D

■ 839AD0

■ 000D36

■ 9FB4EC

■ 000221

■ BAD0FF

■ 000005

■ D7ECFF

■ 000000

■ F4FFFF

■ 344F7F

■ 344F7F

■ 27477F

■ 41577F

■ 1B3F7F

■ 4D5F7F

■ 0E377F

■ 5A677F

■ 012E7F

■ 67707F

■ 002E7F

■ 74787F

■ 80807F

■ 8D887F

■ 9A907F

■ A6987F

Harmonies

Analogous

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



00567D



344F7F



5C4675

Triad

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



344F7F



793F31



145A3E

Complementary

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



344F7F



7F6434

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.



3B5728



344F7F



6B4821

Square

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



344F7F



7D3A48



55511D



005B57

Rectangle

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



344F7F



6D3F68



55511D



255936

Sweetspot

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



344F7F



8893A6



347F64



424854



D4D4D4



545454

Same Dimension

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



344F7F



305AA6



3E347F



393C40



002E80



000000

Inverse Universe

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



7F344F



A6305A



757F34



40393C



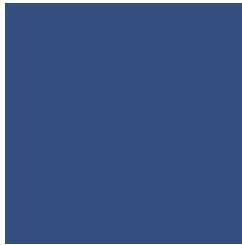
80002E



000000

Previews

White Background



This preview shows how the Hex color 344F7F looks on a white background.

Color Contrast Check

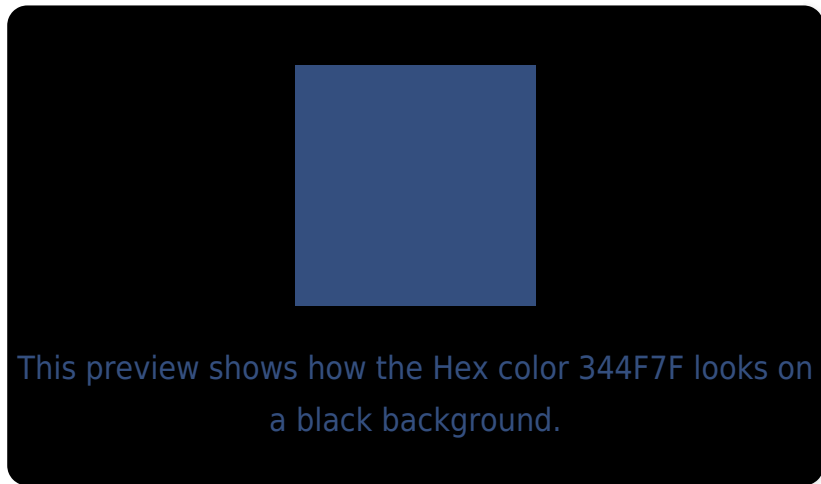
Large Text (above 18pt) WCAG AA ✓ Pass

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 344F7F Background



This preview shows how black text looks on a background with the Hex color 344F7F.



This preview shows how white text looks on a background with the Hex color 344F7F.

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

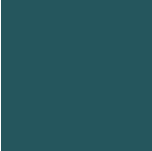
344F7F

Protanopia

3D4D7E

Deuteranopia

334F7F



Tritanopia
25565D

Trichromacy



Original Color
344F7F

Protanomaly
3A4E7E

Deuteranomaly
334F7F

Tritanomaly
2A5369

Monochromacy



Original Color
344F7F

Achromatopsia
4C4C4C

Achromatomaly
434D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 344F7F 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 #344F7F looks like.

```
.text, #text, p{  
    color:#344F7F  
}
```

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 #344F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344F7F
}
```

Border

The CSS property to change the border of an element to Hex 344F7F 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
#344F7F }
```

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

```
.border{ border-color:#344F7F }
```

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

Here you see how a box with a 4 pixel #344F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344F7F; -webkit-box-shadow:4px 4px  
4px 4px #344F7F; box-shadow:4px 4px 4px  
4px #344F7F }
```

Background

The CSS property to change the background color of an element to Hex 344F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344F7F }
```

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

```
.background{ background-color:#344F7F }
```

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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