

Converting Colors

Hex(334F7A)

Have a look what the booklet for
Hex(334F7A) contains.

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Color

Hex(334F7A)

Conversions

Conversions Part 1

Format	Color
Hex	334F7A
RGB	51, 79, 122
RGB Percent	20%, 31%, 48%
CMY	0.8000, 0.6902, 0.5216
CMYK	0.58, 0.35, 0.00, 0.52
HSL	216°, 41%, 34%
HSV	216°, 58%, 48%
XYZ	7.6741, 7.7009, 19.4943
YIQ	75.5300, -30.4910, 7.4370

Conversions

Conversions Part 2

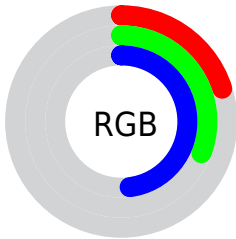
Format	Color
RYB	51, 71, 122
Decimal	3362682
CIELab	33.35, 3.38, -27.63
CIElCh	33, 27.839, 276.976
Yxy	7.7009, 0.2201, 0.2209
Android (android.graphics.Color)	4281552762 (0xFF334F7A)
YUV	75.5300, 22.9097, -21.5128
Hunter-Lab	27.7505, 0.7986, -22.2249

Details

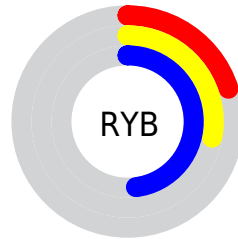
The Hex color **334F7A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A5E33**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6780AF**, and **002349** is the 20% darker color. If you saturate the color by 10%, you get **27487A**, and if you desaturate by 10%, it is **3F567A**.

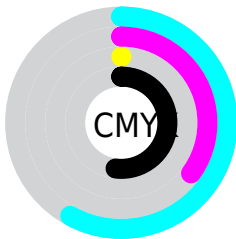
Distribution



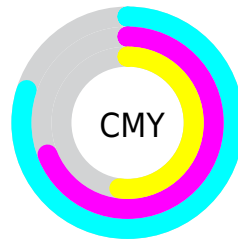
- Red (20%)
- Green (31%)
- Blue (48%)



- Red (20%)
- Yellow (28%)
- Blue (48%)



- Cyan (58%)
- Magenta (35%)
- Yellow (0%)
- Black (52%)



- Cyan (80%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334F7A 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 334F7A by changing the saturation by 10% instead.

■ 334F7A

■ 334F7A

FFFFFF

■ 173861

■ 6780AF

■ 002349

■ 829ACA

■ 000D32

■ 9DB4E6

■ 00021D

■ B8D0FF

■ 000000

■ D5ECFF

■ F2FFFF

■ 334F7A

■ 334F7A

■ 27487A

■ 3F567A

■ 1B407A

■ 4B5E7A

■ 0E397A

■ 58657A

■ 02317A

■ 646D7A

■ 00307A

■ 70747A

■ 7C7B7A

■ 88837A

■ 958A7A

■ A1917A

Harmonies

Analogous

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



005577



334F7A



574772

Triad

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



334F7A



764035



21583C

Complementary

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



334F7A



7A5E33

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.



3F552A



334F7A



6A4726

Square

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



334F7A



783C4A



574F21



005A53

Rectangle

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



334F7A



684167



574F21



2D5736

Sweetspot

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



334F7A



838E9E



337A5E



3F454F



CFCFCF



4F4F4F

Same Dimension

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



334F7A



2F5B9E



3A337A



37393D



00317D



0064FC

Inverse Universe

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



7A334F



9E2F5B



737A33



3D3739



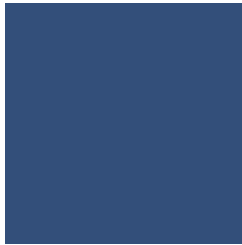
7D0031



FC0064

Previews

White Background



This preview shows how the Hex color 334F7A looks on a white background.

Color Contrast Check

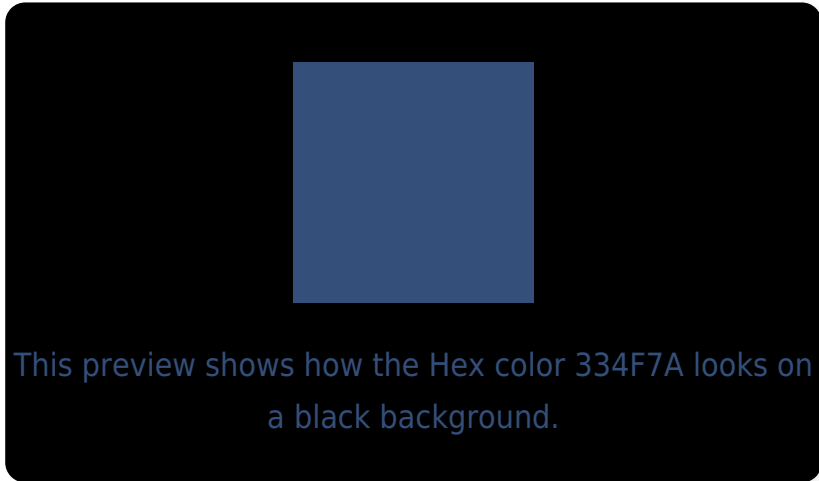
Large Text (above 18pt) WCAG AA ✓ Pass

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 334F7A Background



This preview shows how black text looks on a background with the Hex color 334F7A.



This preview shows how white text looks on a background with the Hex color 334F7A.

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

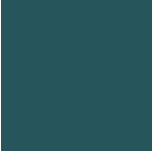
334F7A

Protanopia

3F4D78

Deuteranopia

374E7A



Tritanopia
26555C

Trichromacy



Original Color

334F7A

Protanomaly

3B4E79

Deuteranomaly

364E7A

Tritanomaly

2B5367

Monochromacy



Original Color

334F7A

Achromatopsia

4C4C4C

Achromatomaly

434D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 334F7A 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 #334F7A looks like.

```
.text, #text, p{  
    color:#334F7A  
}
```

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 #334F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334F7A
}
```

Border

The CSS property to change the border of an element to Hex 334F7A 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
#334F7A }
```

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

```
.border{ border-color:#334F7A }
```

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

Here you see how a box with a 4 pixel #334F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334F7A; -webkit-box-shadow:4px 4px  
4px 4px #334F7A; box-shadow:4px 4px 4px  
4px #334F7A }
```

Background

The CSS property to change the background color of an element to Hex 334F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334F7A }
```

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

```
.background{ background-color:#334F7A }
```

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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