

Converting Colors

Hex(333F79)

Have a look what the booklet for
Hex(333F79) contains.

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Color

Hex(333F79)

Conversions

Conversions Part 1

Format	Color
Hex	333F79
RGB	51, 63, 121
RGB Percent	20%, 25%, 47%
CMY	0.8000, 0.7529, 0.5255
CMYK	0.58, 0.48, 0.00, 0.53
HSL	230°, 41%, 34%
HSV	230°, 58%, 47%
XYZ	6.5939, 5.6393, 18.8301
YIQ	66.0240, -25.7700, 15.4940

Conversions

Conversions Part 2

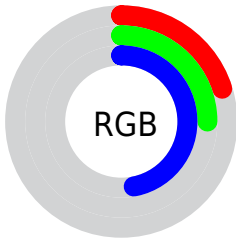
Format	Color
RYB	51, 61, 121
Decimal	3358585
CIELab	28.48, 13.71, -34.73
CIELCh	28, 37.340, 291.541
Yxy	5.6393, 0.2123, 0.1815
Android (android.graphics.Color)	4281548665 (0xFF333F79)
YUV	66.0240, 27.1032, -13.1760
Hunter-Lab	23.7472, 8.0069, -30.3904

Details

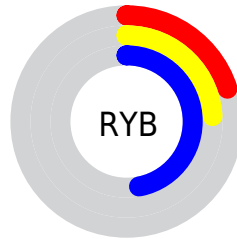
The Hex color **333F79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **796D33**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **676EAE**, and **001548** is the 20% darker color. If you saturate the color by 10%, you get **273579**, and if you desaturate by 10%, it is **3F4979**.

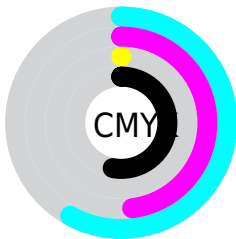
Distribution



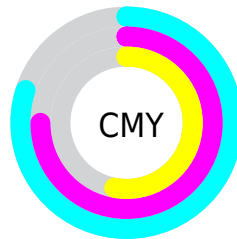
- Red (20%)
- Green (25%)
- Blue (47%)



- Red (20%)
- Yellow (24%)
- Blue (47%)



- Cyan (58%)
- Magenta (48%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333F79 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 333F79 by changing the saturation by 10% instead.



333F79



333F79

FFFFFF



172960



676EAE



001548



8288C9



000031



9DA2E6



00011B



B9BDFF



000000



D5D9FF



F2F5FF



333F79



333F79



273579



3F4979

■ 1B2B79

■ 4B5379

■ 0F2179

■ 575D79

■ 031779

■ 636779

■ 001579

■ 6F7179

■ 7C7B79

■ 888579

■ 948F79

■ A09979

Harmonies

Analogous

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



00497C



333F79



5E3267

Triad

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



333F79



6C3316



00503A

Complementary

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



333F79



796D33

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.



174D1D



333F79



583F02

Square

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



333F79



762830



3D4805



005157

Rectangle

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



333F79



6E2A56



3D4805



004F30

Sweetspot

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



333F79



83889E



33796C



3F424F



CFCFCF



4F4F4F

Same Dimension

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



333F79



31449E



493379



37383D



00157D



002BFC

Inverse Universe

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



79333F



9E3144



637933



3D3738



7D0015



FC002B

Previews

White Background



This preview shows how the Hex color 333F79 looks on a white background.

Color Contrast Check

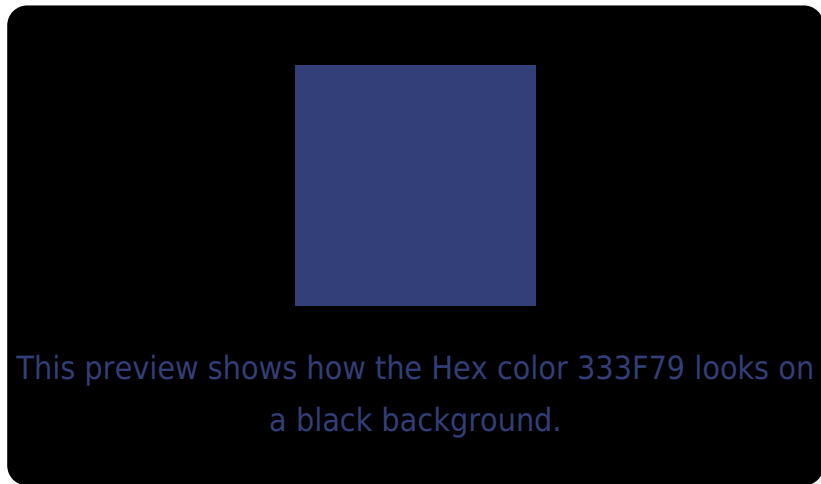
Large Text (above 18pt) WCAG AA ✓ Pass

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

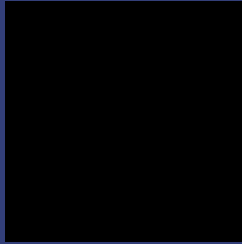
Any Text WCAG AA × Fail

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 333F79 Background



This preview shows how black text looks on a background with the Hex color 333F79.



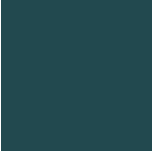
This preview shows how white text looks on a background with the Hex color 333F79.

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





Tritanopia
22494F

Trichromacy



Original Color
333F79

Protanomaly
2B407A

Deuteranomaly
1D4278

Tritanomaly
28455E

Monochromacy



Original Color
333F79

Achromatopsia
424242

Achromatomaly
3D4156

CSS Examples

Text

The CSS property to change the color of the text to Hex 333F79 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 #333F79 looks like.

```
.text, #text, p{  
    color:#333F79  
}
```

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 #333F79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333F79
}
```

Border

The CSS property to change the border of an element to Hex 333F79 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
#333F79 }
```

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

```
.border{ border-color:#333F79 }
```

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

Here you see how a box with a 4 pixel #333F79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333F79; -webkit-box-shadow:4px 4px  
4px 4px #333F79; box-shadow:4px 4px 4px  
4px #333F79 }
```

Background

The CSS property to change the background color of an element to Hex 333F79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333F79 }
```

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

```
.background{ background-color:#333F79 }
```

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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