

Converting Colors

Hex(335B79)

Have a look what the booklet for
Hex(335B79) contains.

Hex(335B79)	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(335B79)

Conversions

Conversions Part 1

Format	Color
Hex	335B79
RGB	51, 91, 121
RGB Percent	20%, 36%, 47%
CMY	0.8000, 0.6431, 0.5255
CMYK	0.58, 0.25, 0.00, 0.53
HSL	206°, 41%, 34%
HSV	206°, 58%, 47%
XYZ	8.5575, 9.5665, 19.4846
YIQ	82.4600, -33.4700, 0.8500

Conversions

Conversions Part 2

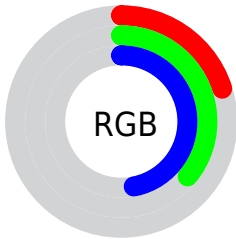
Format	Color
RYB	51, 76, 121
Decimal	3365753
CIELab	37.05, -4.58, -21.23
CIELCh	37, 21.722, 257.836
Yxy	9.5665, 0.2275, 0.2544
Android (android.graphics.Color)	4281555833 (0xFF335B79)
YUV	82.4600, 19.0002, -27.5904
Hunter-Lab	30.9297, -4.7402, -15.6999

Details

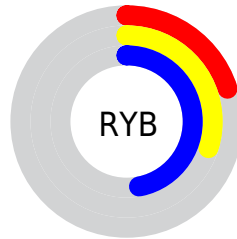
The Hex color **335B79** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795133**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **678DAD**, and **002E48** is the 20% darker color. If you saturate the color by 10%, you get **275679**, and if you desaturate by 10%, it is **3F6079**.

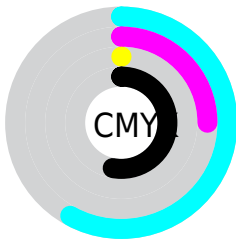
Distribution



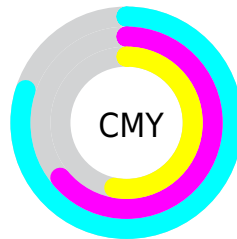
- Red (20%)
- Green (36%)
- Blue (47%)



- Red (20%)
- Yellow (30%)
- Blue (47%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335B79 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 335B79 by changing the saturation by 10% instead.

■ 335B79

■ 335B79

FFFFFF

■ 174460

■ 678DAD

■ 002E48

■ 82A7C9

■ 001932

■ 9DC3E5

■ 00021D

■ B8DEFF

■ 000000

■ D5FBFF

■ F2FFFF

■ 335B79

■ 335B79

■ 275679

■ 3F6079

■ 1B5179

■ 4B6579

■ 0F4B79

■ 576B79

■ 034679

■ 637079

■ 004579

■ 6F7579

■ 7C7A79

■ 887F79

■ 948479

■ A08A79

Harmonies

Analogous

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



1A5F71



335B79



4F5578

Triad

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



335B79



7A4A4D



455E3F

Complementary

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



335B79



795133

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.



585935



335B79



754E3E

Square

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



335B79



754B5F



695435



2F604F

Rectangle

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



335B79



5F5173



695435



4B5C3B

Sweetspot

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



335B79



83939E



337950



3F484F



CFCFCF



4F4F4F

Same Dimension

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



335B79



316F9E



333979



373B3D



00477D



0090FC

Inverse Universe

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



79335B



9E316F



797333



3D373B



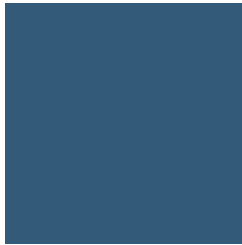
7D0047



FC0090

Previews

White Background



This preview shows how the Hex color 335B79 looks on a white background.

Color Contrast Check

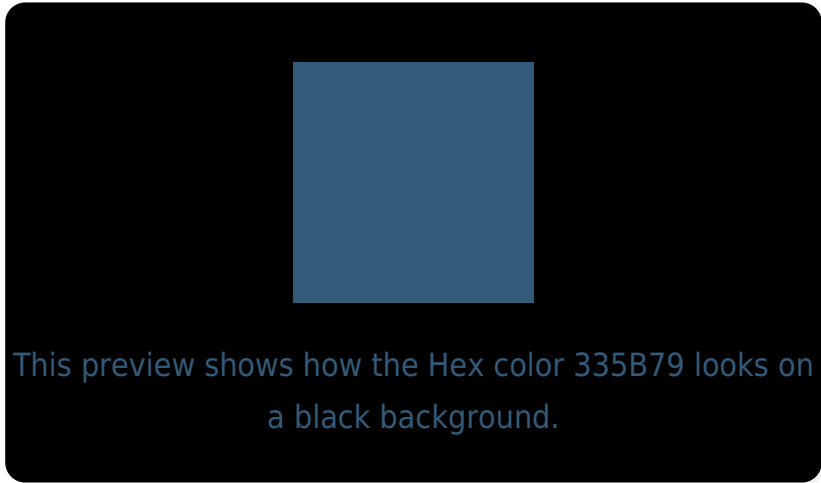
Large Text (above 18pt) WCAG AA ✓ Pass

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

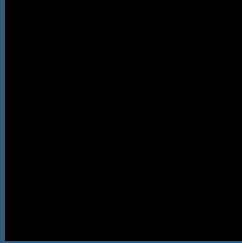
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

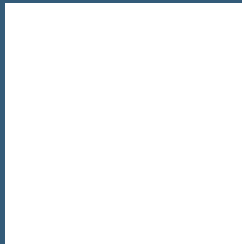
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 335B79 Background



This preview shows how black text looks on a background with the Hex color 335B79.

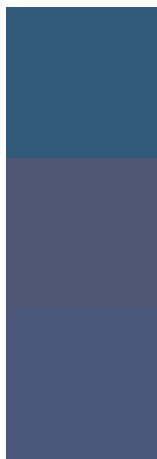


This preview shows how white text looks on a background with the Hex color 335B79.

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
335B79

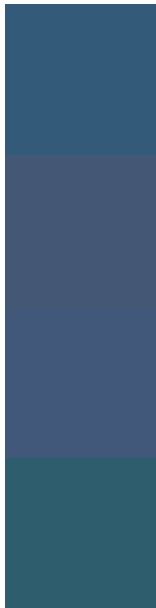
Protanopia
4E5675

Deuteranopia
4A567A



Tritanopia
2B5E66

Trichromacy



Original Color
335B79

Protanomaly
445876

Deuteranomaly
42587A

Tritanomaly
2E5D6D

Monochromacy



Original Color
335B79

Achromatopsia
525252

Achromatomaly
475560

CSS Examples

Text

The CSS property to change the color of the text to Hex 335B79 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 #335B79 looks like.

```
.text, #text, p{  
    color:#335B79  
}
```

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 #335B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335B79
}
```

Border

The CSS property to change the border of an element to Hex 335B79 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
#335B79 }
```

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

```
.border{ border-color:#335B79 }
```

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

Here you see how a box with a 4 pixel #335B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335B79; -webkit-box-shadow:4px 4px  
4px 4px #335B79; box-shadow:4px 4px 4px  
4px #335B79 }
```

Background

The CSS property to change the background color of an element to Hex 335B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335B79 }
```

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

```
.background{ background-color:#335B79 }
```

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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