

Converting Colors

Hex(335E87)

Have a look what the booklet for
Hex(335E87) contains.

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Color

Hex(335E87)

Conversions

Conversions Part 1

Format	Color
Hex	335E87
RGB	51, 94, 135
RGB Percent	20%, 37%, 53%
CMY	0.8000, 0.6314, 0.4706
CMYK	0.62, 0.30, 0.00, 0.47
HSL	209°, 45%, 36%
HSV	209°, 62%, 53%
XYZ	9.7411, 10.4585, 24.4269
YIQ	85.8170, -38.7890, 3.6350

Conversions

Conversions Part 2

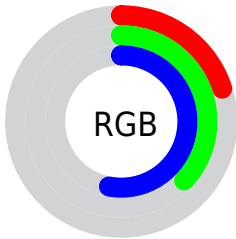
Format	Color
RYB	51, 79, 135
Decimal	3366535
CIELab	38.65, -1.59, -27.30
CIElCh	39, 27.342, 266.676
Yxy	10.4585, 0.2183, 0.2344
Android (android.graphics.Color)	4281556615 (0xFF335E87)
YUV	85.8170, 24.2472, -30.5345
Hunter-Lab	32.3396, -2.8277, -22.1456




Details

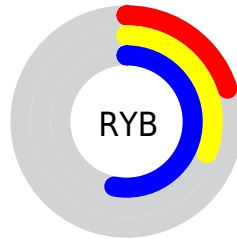
The Hex color **335E87** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **875C33**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6990BC**, and **003055** is the 20% darker color. If you saturate the color by 10%, you get **255787**, and if you desaturate by 10%, it is **416587**.

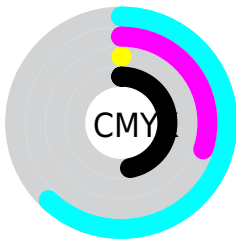
Distribution







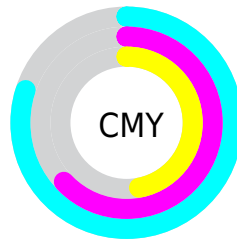
-  Red (20%)
-  Green (37%)
-  Blue (53%)






-  Red (20%)
-  Yellow (31%)
-  Blue (53%)



-  Cyan (62%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (80%)
-  Magenta (63%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335E87 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 335E87 by changing the saturation by 10% instead.

■ 335E87

■ 335E87

FFFFFF

■ 13476E

■ 6990BC

■ 003055

■ 84ABD8

■ 001C3E

■ A0C6F5

■ 000328

■ BCE2FF

■ 000111

■ D8FEFF

■ 000000

■ F5FFFF

■ 335E87

■ 335E87

■ 255787

■ 416587

■ 185187

■ 4E6B87

■ 0A4A87

■ 5C7287

■ 004587

■ 697887

■ 777F87

■ 848687

■ 928C87

■ 9F9387

■ AC9987

Harmonies

Analogous

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



006480



335E87



595683

Triad

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



335E87



854B48



3A6442

Complementary

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



335E87



875C33

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.



556032



335E87



7C5137

Square

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



335E87



83495E



6B592E



166658

Rectangle

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



335E87



6D517A



6B592E



44633C

Sweetspot

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



335E87



8FA0B0



33875C



454F59



D9D9D9



595959

Same Dimension

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



335E87



2C70B0



333487



3C3F42



004382



000103

Inverse Universe

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



87335E



B02C70



878633



423C3F



820043



030001

Previews

White Background



This preview shows how the Hex color 335E87 looks on a white background.

Color Contrast Check

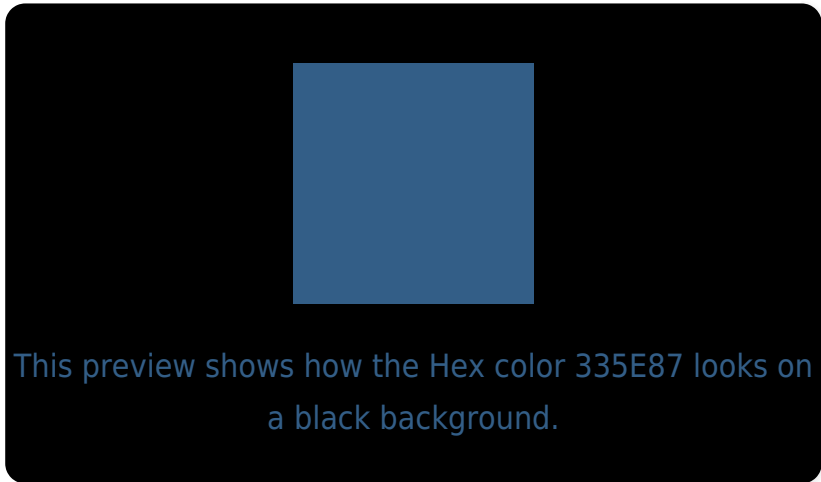
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

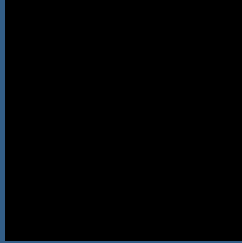
Any Text WCAG AA × Fail

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 335E87 Background



This preview shows how black text looks on a background with the Hex color 335E87.

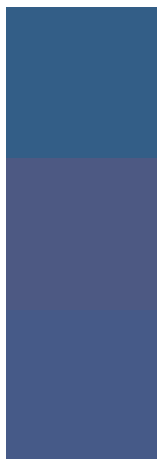


This preview shows how white text looks on a background with the Hex color 335E87.

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
335E87

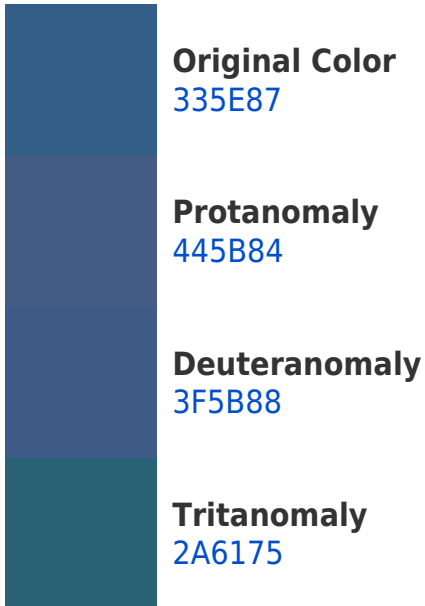
Protanopia
4D5983

Deuteranopia
465A88



Tritanopia
25636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 335E87 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 #335E87 looks like.

```
.text, #text, p{  
    color:#335E87  
}
```

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 #335E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335E87
}
```

Border

The CSS property to change the border of an element to Hex 335E87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

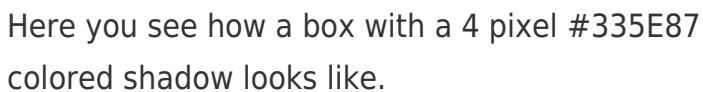
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#335E87 }
```

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

```
.border{ border-color:#335E87 }
```

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



Here you see how a box with a 4 pixel #335E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335E87; -webkit-box-shadow:4px 4px  
4px 4px #335E87; box-shadow:4px 4px 4px  
4px #335E87 }
```

Background

The CSS property to change the background color of an element to Hex 335E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335E87 }
```

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

```
.background{ background-color:#335E87 }
```

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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