

Converting Colors

Hex(335390)

Have a look what the booklet for
Hex(335390) contains.

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Color

Hex(335390)

Conversions

Conversions Part 1

Format	Color
Hex	335390
RGB	51, 83, 144
RGB Percent	20%, 33%, 56%
CMY	0.8000, 0.6745, 0.4353
CMYK	0.65, 0.42, 0.00, 0.44
HSL	219°, 48%, 38%
HSV	219°, 65%, 56%
XYZ	9.4925, 8.9039, 27.6039
YIQ	80.3860, -38.6530, 12.1870

Conversions

Conversions Part 2

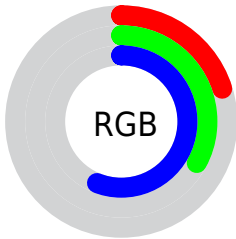
Format	Color
RYB	51, 75, 144
Decimal	3363728
CIELab	35.80, 8.71, -37.27
CIELCh	36, 38.277, 283.153
Yxy	8.9039, 0.2064, 0.1936
Android (android.graphics.Color)	4281553808 (0xFF335390)
YUV	80.3860, 31.3617, -25.7715
Hunter-Lab	29.8395, 4.5654, -33.9603

Details

The Hex color **335390** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **907033**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6B84C6**, and **00275D** is the 20% darker color. If you saturate the color by 10%, you get **254A90**, and if you desaturate by 10%, it is **415C90**.

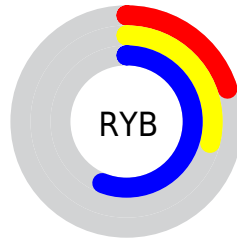
Distribution



Red (20%)

Green (33%)

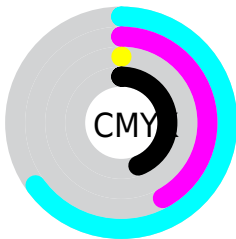
Blue (56%)



Red (20%)

Yellow (29%)

Blue (56%)

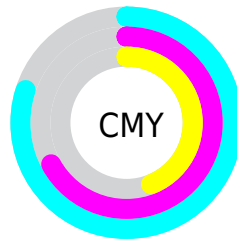


Cyan (65%)

Magenta (42%)

Yellow (0%)

Black (44%)



Cyan (80%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335390 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 335390 by changing the saturation by 10% instead.

■ 335390

■ 335390

FFFFFF

■ 113C76

■ 6B84C6

■ 00275D

■ 869EE2

■ 001345

■ A2B9FF

■ 00042E

■ BED5FF

■ 000119

■ DBF1FF

■ 000000

■ F8FFFF

■ 335390

■ 335390

■ 254A90

■ 415C90

■ 164090

■ 506690

■ 083790

■ 5E6F90

■ 003290

■ 6D7990

■ 7B8290

■ 898C90

■ 989590

■ A69F90

■ B5A890

Harmonies

Analogous

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



005C8F



335390



674681

Triad

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



335390



86402C



006241

Complementary

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



335390



907033

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.



355E25



335390



734C17

Square

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



335390



8C3848



585713



006361

Rectangle

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



335390



7C3E70



585713



0E6137

Sweetspot

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



335390



97A3BA



33906F



49505E



DEDEDE



5E5E5E

Same Dimension

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



335390



295BBA



413390



404347



002F87



000308

Inverse Universe

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



903353



BA295B



829033



474043



87002F



080003

Previews

White Background



This preview shows how the Hex color 335390 looks on a white background.

Color Contrast Check

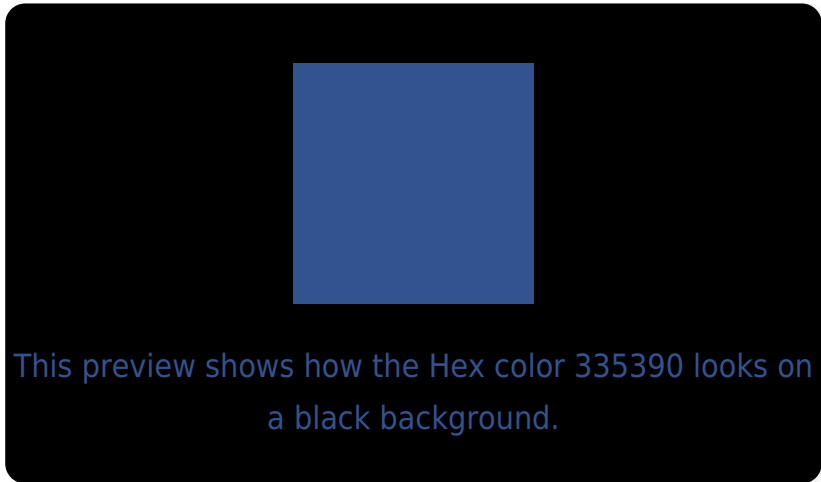
Large Text (above 18pt) WCAG AA ✓ Pass

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 335390 Background



This preview shows how black text looks on a background with the Hex color 335390.



This preview shows how white text looks on a background with the Hex color 335390.

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

335390

Protanopia

3A528F

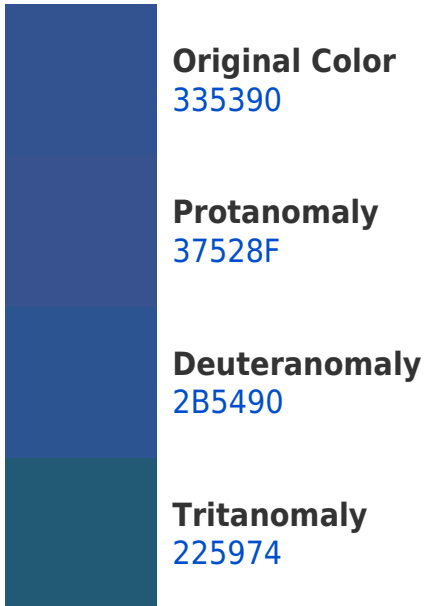
Deuteranopia

275590

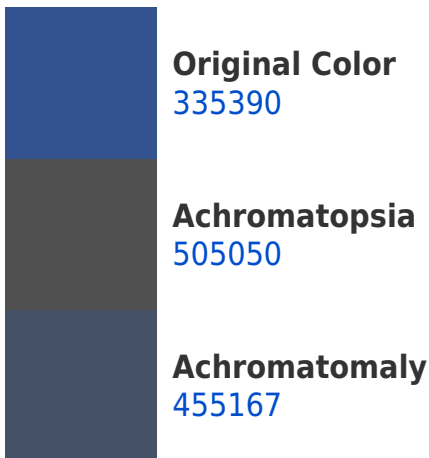


Tritanopia
195D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 335390 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 #335390 looks like.

```
.text, #text, p{  
    color:#335390  
}
```

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 #335390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335390
}
```

Border

The CSS property to change the border of an element to Hex 335390 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
#335390 }
```

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

```
.border{ border-color:#335390 }
```

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

Here you see how a box with a 4 pixel #335390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335390; -webkit-box-shadow:4px 4px  
4px 4px #335390; box-shadow:4px 4px 4px  
4px #335390 }
```

Background

The CSS property to change the background color of an element to Hex 335390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335390 }
```

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

```
.background{ background-color:#335390 }
```

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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