

Converting Colors

Hex(333390)

Have a look what the booklet for
Hex(333390) contains.

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Color

Hex(333390)

Conversions

Conversions Part 1

Format	Color
Hex	333390
RGB	51, 51, 144
RGB Percent	20%, 20%, 56%
CMY	0.8000, 0.8000, 0.4353
CMYK	0.65, 0.65, 0.00, 0.44
HSL	240°, 48%, 38%
HSV	240°, 65%, 56%
XYZ	7.5831, 5.0851, 26.9674
YIQ	61.6020, -29.8530, 28.9230

Conversions

Conversions Part 2

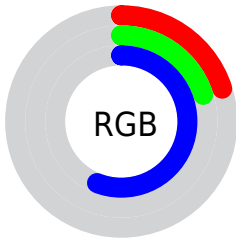
Format	Color
RYB	51, 51, 144
Decimal	3355536
CIELab	26.98, 30.01, -51.50
CIELCh	27, 59.608, 300.226
Yxy	5.0851, 0.1913, 0.1283
Android (android.graphics.Color)	4281545616 (0xFF333390)
YUV	61.6020, 40.6222, -9.2980
Hunter-Lab	22.5501, 20.5629, -55.1191

Details

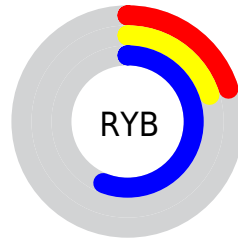
The Hex color **333390** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **909033**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6C62C7**, and **000A5C** is the 20% darker color. If you saturate the color by 10%, you get **252590**, and if you desaturate by 10%, it is **414190**.

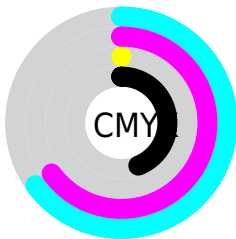
Distribution



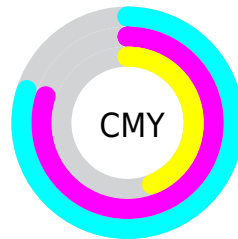
- Red (20%)
- Green (20%)
- Blue (56%)



- Red (20%)
- Yellow (20%)
- Blue (56%)



- Cyan (65%)
- Magenta (65%)
- Yellow (0%)
- Black (44%)



- Cyan (80%)
- Magenta (80%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333390 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 333390 by changing the saturation by 10% instead.

■ 333390

■ 333390

FFFFFF

■ 0D1E76

■ 6C62C7

■ 000A5C

■ 887BE3

■ 000044

■ A495FF

■ 00032D

■ C1AFFF

■ 000117

■ DECBFF

■ 000000

■ FCE7FF

■ 333390

■ 333390

■ 252590

■ 414190

■ 161690

■ 505090

■ 080890

■ 5E5E90

■ 000090

■ 6D6D90

■ 7B7B90

■ 898990

■ 989890

■ A6A690

■ B5B590

Harmonies

Analogous

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



00469D



333390



740C6E

Triad

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



333390



712900



00513F

Complementary

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



333390



909033

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.



004F0B



333390



4F3E00

Square

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



333390



870015



1F4A00



00526D

Rectangle

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



333390



860051



1F4A00



00512F

Sweetspot

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



333390



9797BA



339090



49495E



DEDEDE



5E5E5E

Same Dimension

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



333390



2929BA



623390



404047



000087



000008

Inverse Universe

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



903390



BA29BA



629033



474047



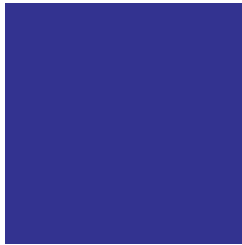
870087



080008

Previews

White Background



This preview shows how the Hex color 333390 looks on a white background.

Color Contrast Check

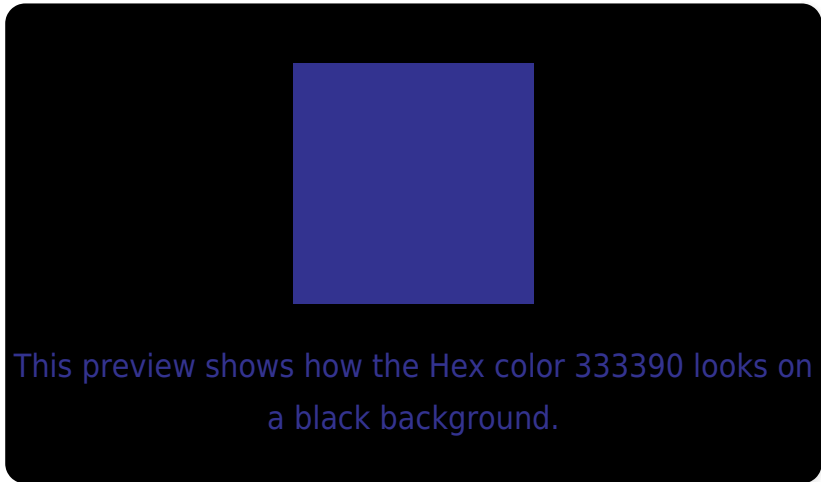
Large Text (above 18pt) WCAG AA ✓ Pass

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

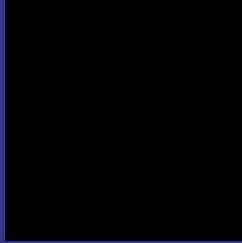
Any Text WCAG AA × Fail

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 333390 Background



This preview shows how black text looks on a background with the Hex color 333390.



This preview shows how white text looks on a background with the Hex color 333390.

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
333390

Protanopia
003E82

Deuteranopia
004270



Tritanopia
00474C

Trichromacy



Original Color
333390

Protanomaly
133A87

Deuteranomaly
133D7C

Tritanomaly
134065

Monochromacy



Original Color
333390

Achromatopsia
3E3E3E

Achromatomaly
3A3A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 333390 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 #333390 looks like.

```
.text, #text, p{  
    color:#333390  
}
```

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 #333390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333390
}
```

Border

The CSS property to change the border of an element to Hex 333390 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
#333390 }
```

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

```
.border{ border-color:#333390 }
```

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

Here you see how a box with a 4 pixel #333390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333390; -webkit-box-shadow:4px 4px  
4px 4px #333390; box-shadow:4px 4px 4px  
4px #333390 }
```

Background

The CSS property to change the background color of an element to Hex 333390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333390 }
```

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

```
.background{ background-color:#333390 }
```

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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