

Converting Colors

Hex(333182)

Have a look what the booklet for
Hex(333182) contains.

Hex(333182)	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(333182)

Conversions

Conversions Part 1

Format	Color
Hex	333182
RGB	51, 49, 130
RGB Percent	20%, 19%, 51%
CMY	0.8000, 0.8078, 0.4902
CMYK	0.61, 0.62, 0.00, 0.49
HSL	241°, 45%, 35%
HSV	241°, 62%, 51%
XYZ	6.4928, 4.5121, 21.6478
YIQ	58.8320, -24.8090, 25.6150

Conversions

Conversions Part 2

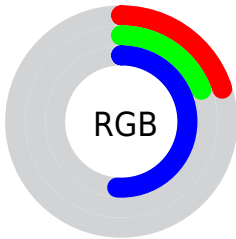
Format	Color
R_{YB}	51, 49, 130
Decimal	3355010
CIE _{Lab}	25.30, 26.39, -45.53
CIE _{LCh}	25, 52.623, 300.098
Yxy	4.5121, 0.1988, 0.1382
Android (android.graphics.Color)	4281545090 (0xFF333182)
YUV	58.8320, 35.0858, -6.8687
Hunter-Lab	21.2418, 17.3876, -45.5540




Details

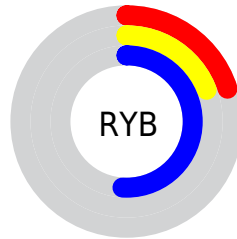
The Hex color **333182** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **808231**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **6A5FB8**, and **000750** is the 20% darker color. If you saturate the color by 10%, you get **262482**, and if you desaturate by 10%, it is **403E82**.

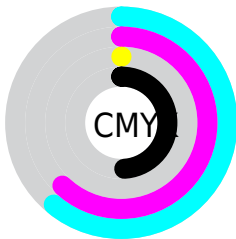
Distribution







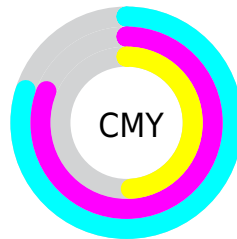
-  Red (20%)
-  Green (19%)
-  Blue (51%)






-  Red (20%)
-  Yellow (19%)
-  Blue (51%)



-  Cyan (61%)
-  Magenta (62%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (80%)
-  Magenta (81%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333182 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 333182 by changing the saturation by 10% instead.

■ 333182

■ 333182

FFFFFF

■ 131C68

■ 6A5FB8

■ 000750

■ 8578D4

■ 000038

■ A192F0

■ 000222

■ BDADFF

■ 000007

■ DAC8FF

■ 000000

■ F7E4FF

■ 333182

■ 333182

■ 262482

■ 403E82

■ 1A1782

■ 4C4B82

■ 0D0A82

■ 595882

■ 030082

■ 666582

■ 727282

■ 7F7F82

■ 8C8C82

■ 989982

■ A5A682

Harmonies

Analogous

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



00428D



333182



6A1564

Triad

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



333182



692900



004C3B

Complementary

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



333182



808231

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.



004A0F



333182



4A3B00

Square

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



333182



7B0917



234500



004C63

Rectangle

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



333182



7A004B



234500



004B2D

Sweetspot

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



333182



8988A8



318182



414154



D4D4D4



545454

Same Dimension

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



333182



2D2AA8



5B3182



3A3940



030080



000000

Inverse Universe

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



823180



A82AA5



588231



403940



80007C



000000

Previews

White Background



This preview shows how the Hex color 333182 looks on a white background.

Color Contrast Check

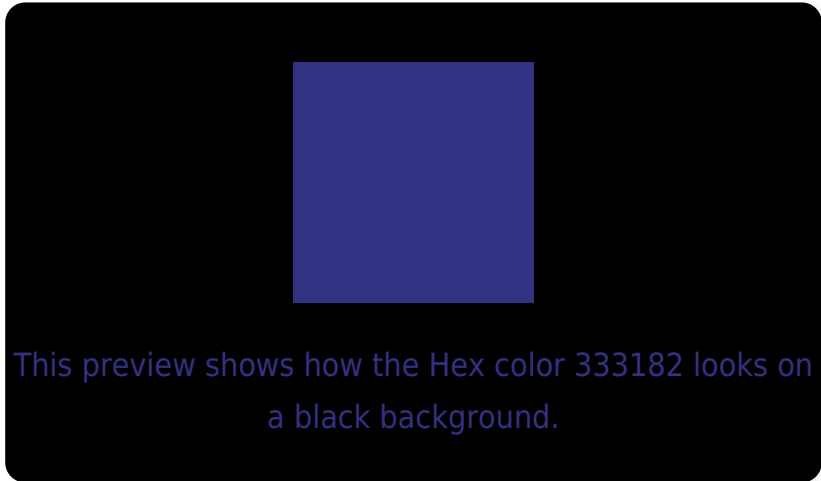
Large Text (above 18pt) WCAG AA ✓ Pass

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 333182 Background



This preview shows how black text looks on a background with the Hex color 333182.



This preview shows how white text looks on a background with the Hex color 333182.

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
333182

Protanopia
003A7B

Deuteranopia
003E6A



Tritanopia
164247

Trichromacy



Original Color
333182

Protanomaly
13377E

Deuteranomaly
133973

Tritanomaly
213C5C

Monochromacy



Original Color
333182

Achromatopsia
3B3B3B

Achromatomaly
383755

CSS Examples

Text

The CSS property to change the color of the text to Hex 333182 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 #333182 looks like.

```
.text, #text, p{  
    color:#333182  
}
```

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 #333182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333182
}
```

Border

The CSS property to change the border of an element to Hex 333182 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
#333182 }
```

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

```
.border{ border-color:#333182 }
```

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

Here you see how a box with a 4 pixel #333182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333182; -webkit-box-shadow:4px 4px  
4px 4px #333182; box-shadow:4px 4px 4px  
4px #333182 }
```

Background

The CSS property to change the background color of an element to Hex 333182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333182 }
```

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

```
.background{ background-color:#333182 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor