

Converting Colors

Hex(333669)

Have a look what the booklet for
Hex(333669) contains.

Hex(333669)	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(333669)

Conversions

Conversions Part 1

Format	Color
Hex	333669
RGB	51, 54, 105
RGB Percent	20%, 21%, 41%
CMY	0.8000, 0.7882, 0.5882
CMYK	0.51, 0.49, 0.00, 0.59
HSL	237°, 35%, 31%
HSV	237°, 51%, 41%
XYZ	5.2342, 4.3621, 13.9307
YIQ	58.9170, -18.1590, 15.2250

Conversions

Conversions Part 2

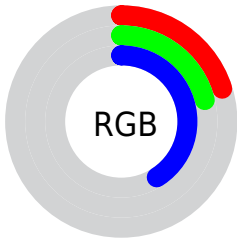
Format	Color
R_{YB}	51, 54, 105
Decimal	3356265
CIE _{Lab}	24.83, 14.22, -30.37
CIE _{LCh}	25, 33.538, 295.085
Yxy	4.3621, 0.2225, 0.1854
Android (android.graphics.Color)	4281546345 (0xFF333669)
YUV	58.9170, 22.7189, -6.9432
Hunter-Lab	20.8855, 8.1849, -24.9266

Details

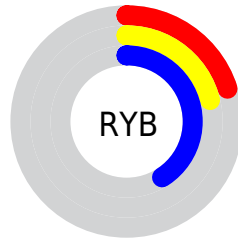
The Hex color **333669** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **696633**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **65659D**, and **000B39** is the 20% darker color. If you saturate the color by 10%, you get **292C69**, and if you desaturate by 10%, it is **3E4069**.

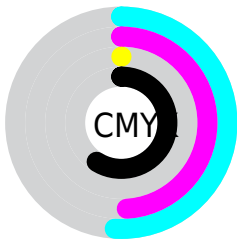
Distribution



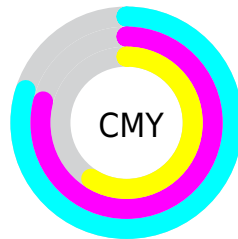
- Red (20%)
- Green (21%)
- Blue (41%)



- Red (20%)
- Yellow (21%)
- Blue (41%)



- Cyan (51%)
- Magenta (49%)
- Yellow (0%)
- Black (59%)



- Cyan (80%)
- Magenta (79%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333669 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 333669 by changing the saturation by 10% instead.

■ 333669

■ 333669

FFFFFF

■ 1A2151

■ 65659D

■ 000B39

■ 7F7DB8

■ 000223

■ 9A97D3

■ 00000A

■ B5B2F0

■ 000000

■ D1CEFF

■ EEEAFF

■ 333669

■ 333669

■ 292C69

■ 3E4069

■ 1E2269

■ 484A69

■ 141869

■ 535469

■ 090E69

■ 5D5E69

■ 000669

■ 686869

■ 727269

■ 7D7B69

■ 878569

■ 928F69

Harmonies

Analogous

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



003F6D



333669



552B58

Triad

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



333669



5E2E11



004736

Complementary

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



333669



696633

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.



0E441C



333669



4B3802

Square

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



333669



682427



334007



004750

Rectangle

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



333669



622449



334007



00462D

Sweetspot

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



333669



75768A



336965



383945



C4C4C4



454545

Same Dimension

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



333669



34398A



4A3369



303036



000775



000EF5

Inverse Universe

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



693336



8A3439



526933



363030



750007



F5000E

Previews

White Background



This preview shows how the Hex color 333669 looks on a white background.

Color Contrast Check

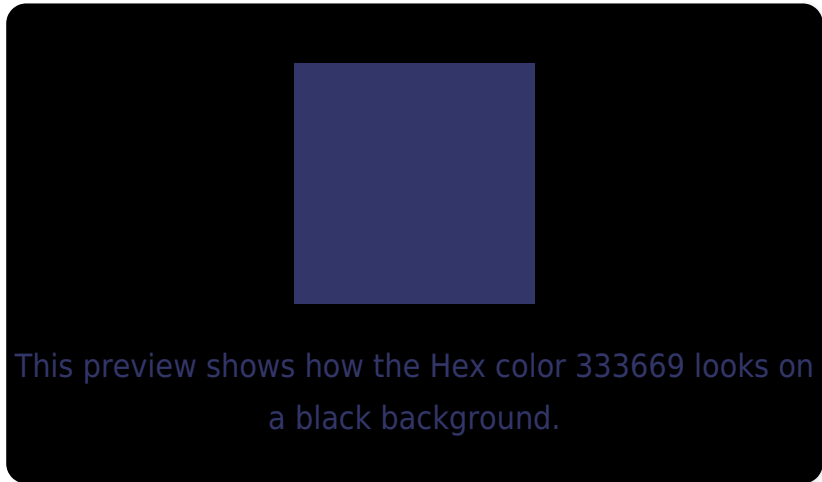
Large Text (above 18pt) WCAG AA ✓ Pass

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 333669 Background



This preview shows how black text looks on a background with the Hex color 333669.



This preview shows how white text looks on a background with the Hex color 333669.

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](#).

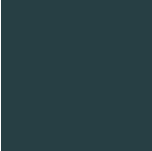
Dichromacy



Original Color
333669

Protanopia
21396C

Deuteranopia
153C68



Tritanopia
273F44

Trichromacy



Original Color
333669

Protanomaly
28386B

Deuteranomaly
203A68

Tritanomaly
2B3C51

Monochromacy



Original Color
333669

Achromatopsia
3B3B3B

Achromatomaly
38394C

CSS Examples

Text

The CSS property to change the color of the text to Hex 333669 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 #333669 looks like.

```
.text, #text, p{  
    color:#333669  
}
```

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 #333669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333669
}
```

Border

The CSS property to change the border of an element to Hex 333669 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
#333669 }
```

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

```
.border{ border-color:#333669 }
```

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

Here you see how a box with a 4 pixel #333669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333669; -webkit-box-shadow:4px 4px  
4px 4px #333669; box-shadow:4px 4px 4px  
4px #333669 }
```

Background

The CSS property to change the background color of an element to Hex 333669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333669 }
```

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

```
.background{ background-color:#333669 }
```

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