

Converting Colors

Hex(333865)

Have a look what the booklet for
Hex(333865) contains.

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Color

Hex(333865)

Conversions

Conversions Part 1

Format	Color
Hex	333865
RGB	51, 56, 101
RGB Percent	20%, 22%, 40%
CMY	0.8000, 0.7804, 0.6039
CMYK	0.50, 0.45, 0.00, 0.60
HSL	234°, 33%, 30%
HSV	234°, 50%, 40%
XYZ	5.1284, 4.4717, 12.9048
YIQ	59.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

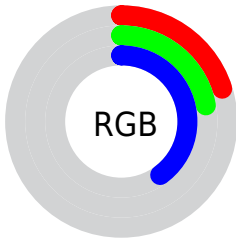
Format	Color
R_{YB}	51, 56, 101
Decimal	3356773
CIE _{Lab}	25.17, 11.47, -27.25
CIE _{LCh}	25, 29.566, 292.817
Yxy	4.4717, 0.2279, 0.1987
Android (android.graphics.Color)	4281546853 (0xFF333865)
YUV	59.6350, 20.3929, -7.5729
Hunter-Lab	21.1465, 6.2829, -21.3795

Details

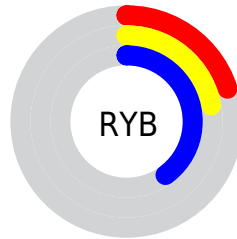
The Hex color **333865** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **656033**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **656798**, and **010E36** is the 20% darker color. If you saturate the color by 10%, you get **292F65**, and if you desaturate by 10%, it is **3D4165**.

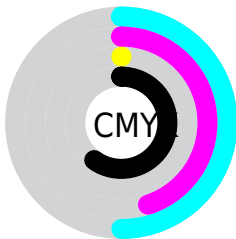
Distribution



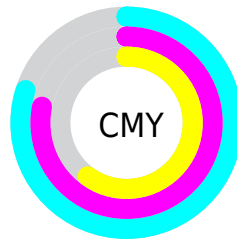
- Red (20%)
- Green (22%)
- Blue (40%)



- Red (20%)
- Yellow (22%)
- Blue (40%)



- Cyan (50%)
- Magenta (45%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333865 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 333865 by changing the saturation by 10% instead.

■ 333865

■ 333865

FFFFFF

■ 1A234D

■ 656798

■ 010E36

■ 7E80B3

■ 000220

■ 999ACF

■ 000004

■ B4B4EB

■ 000000

■ D0D0FF

■ EDECFF

■ 333865

■ 333865

■ 292F65

■ 3D4165

■ 1F2665

■ 474A65

■ 151D65

■ 515365

■ 0B1465

■ 5B5C65

■ 010B65

■ 666565

■ 000A65

■ 706F65

■ 7A7865

■ 848165

■ 8E8A65

Harmonies

Analogous

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



004068



333865



522F57

Triad

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



333865



5C3018



004635

Complementary

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



333865



656033

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.



1B441F



333865



4C390C

Square

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



333865



64292C



37400F



00464C

Rectangle

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



333865



5E2949



37400F



00462E

Sweetspot

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



333865



6F7082



336560



363842



C2C2C2



424242

Same Dimension

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



333865



353D82



473365



2E2E33



000B73



0018F2

Inverse Universe

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



653338



82353D



516533



332E2E



73000B



F20018

Previews

White Background



This preview shows how the Hex color 333865 looks on a white background.

Color Contrast Check

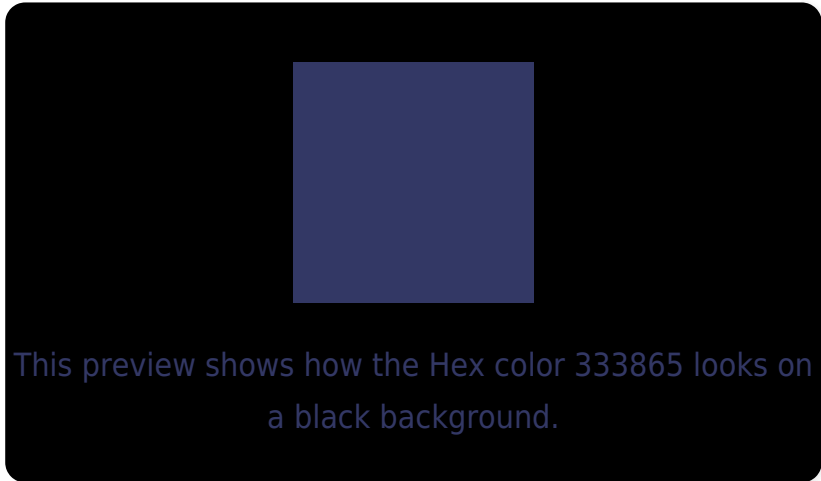
Large Text (above 18pt) WCAG AA ✓ Pass

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

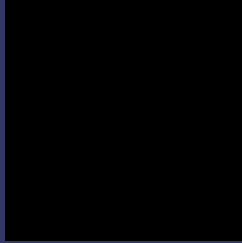
Any Text WCAG AA × Fail

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 333865 Background



This preview shows how black text looks on a background with the Hex color 333865.



This preview shows how white text looks on a background with the Hex color 333865.

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](#).

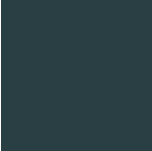
Dichromacy



Original Color
333865

Protanopia
283A67

Deuteranopia
203C64



Tritanopia
293F44

Trichromacy



Original Color
333865

Protanomaly
2C3966

Deuteranomaly
273B64

Tritanomaly
2D3C50

Monochromacy



Original Color
333865

Achromatopsia
3C3C3C

Achromatomaly
393B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 333865 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 #333865 looks like.

```
.text, #text, p{  
    color:#333865  
}
```

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 #333865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333865
}
```

Border

The CSS property to change the border of an element to Hex 333865 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
#333865 }
```

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

```
.border{ border-color:#333865 }
```

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

Here you see how a box with a 4 pixel #333865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333865; -webkit-box-shadow:4px 4px  
4px 4px #333865; box-shadow:4px 4px 4px  
4px #333865 }
```

Background

The CSS property to change the background color of an element to Hex 333865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333865 }
```

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

```
.background{ background-color:#333865 }
```

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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