

Converting Colors

Hex(333764)

Have a look what the booklet for
Hex(333764) contains.

Hex(333764)	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(333764)

Conversions

Conversions Part 1

Format	Color
Hex	333764
RGB	51, 55, 100
RGB Percent	20%, 22%, 39%
CMY	0.8000, 0.7843, 0.6078
CMYK	0.49, 0.45, 0.00, 0.61
HSL	235°, 32%, 30%
HSV	235°, 49%, 39%
XYZ	5.0317, 4.3563, 12.6322
YIQ	58.9340, -16.8290, 13.1470

Conversions

Conversions Part 2

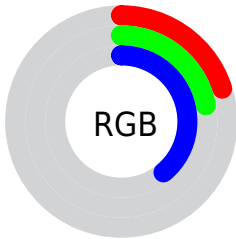
Format	Color
RYB	51, 55, 100
Decimal	3356516
CIELab	24.82, 11.81, -27.17
CIELCh	25, 29.628, 293.493
Yxy	4.3563, 0.2285, 0.1978
Android (android.graphics.Color)	4281546596 (0xFF333764)
YUV	58.9340, 20.2455, -6.9581
Hunter-Lab	20.8717, 6.5067, -21.2740

Details

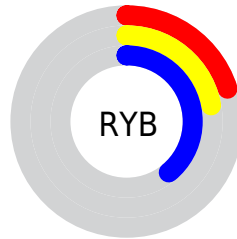
The Hex color **333764** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **646033**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **656697**, and **020C35** is the 20% darker color. If you saturate the color by 10%, you get **292E64**, and if you desaturate by 10%, it is **3D4064**.

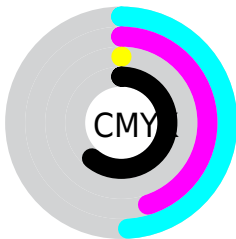
Distribution



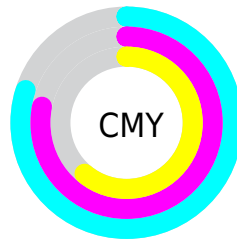
- Red (20%)
- Green (22%)
- Blue (39%)



- Red (20%)
- Yellow (22%)
- Blue (39%)



- Cyan (49%)
- Magenta (45%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333764 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 333764 by changing the saturation by 10% instead.

■ 333764

■ 333764

FFFFFF

■ 1A224C

■ 656697

■ 020C35

■ 7E7FB2

■ 00021F

■ 9998CE

■ 000002

■ B4B3EA

■ 000000

■ D0CFFF

■ EDEBFF

■ 333764

■ 333764

■ 292E64

■ 3D4064

■ 1F2564

■ 474964

■ 151B64

■ 515364

■ 0B1264

■ 5B5C64

■ 010964

■ 656564

■ 000864

■ 6F6E64

■ 797764

■ 838064

■ 8D8A64

Harmonies

Analogous

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



003F67



333764



512E56

Triad

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



333764



5B2F17



004535

Complementary

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



333764



646033

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.



19431F



333764



4B380B

Square

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



333764



63282A



363F0F



00464C

Rectangle

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



333764



5D2848



363F0F



00452D

Sweetspot

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



333764



6F7082



336460



363742



C2C2C2



424242

Same Dimension

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



333764



353C82



473364



2E2E33



000973



0014F2

Inverse Universe

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



643337



82353C



506433



332E2E



730009



F20014

Previews

White Background



This preview shows how the Hex color 333764 looks on a white background.

Color Contrast Check

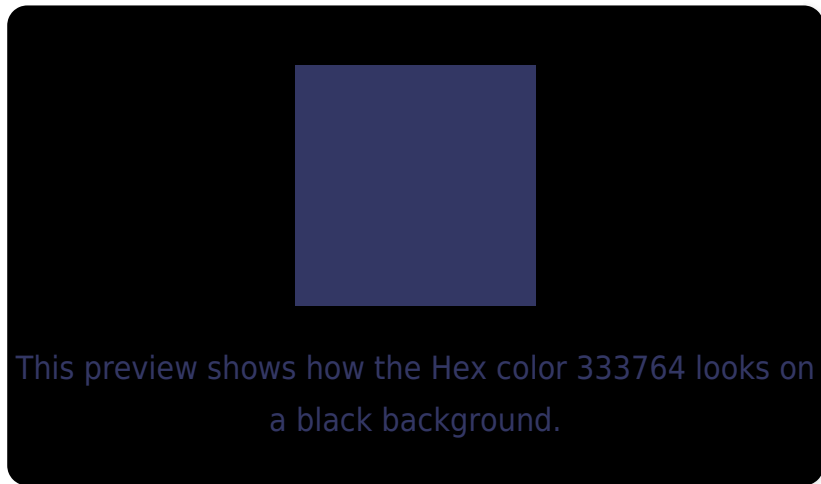
Large Text (above 18pt) WCAG AA ✓ Pass

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

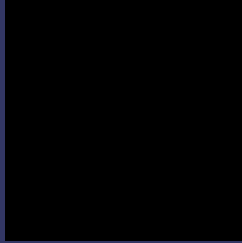
Any Text WCAG AA × Fail

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 333764 Background



This preview shows how black text looks on a background with the Hex color 333764.



This preview shows how white text looks on a background with the Hex color 333764.

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](#).

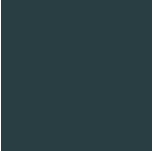
Dichromacy



Original Color
333764

Protanopia
273966

Deuteranopia
1F3B63



Tritanopia
293E43

Trichromacy



Original Color

333764

Protanomaly

2B3865

Deuteranomaly

263A63

Tritanomaly

2D3B4F

Monochromacy



Original Color

333764

Achromatopsia

3B3B3B

Achromatomaly

383A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 333764 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 #333764 looks like.

```
.text, #text, p{  
    color:#333764  
}
```

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 #333764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333764
}
```

Border

The CSS property to change the border of an element to Hex 333764 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
#333764 }
```

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

```
.border{ border-color:#333764 }
```

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

Here you see how a box with a 4 pixel #333764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333764; -webkit-box-shadow:4px 4px  
4px 4px #333764; box-shadow:4px 4px 4px  
4px #333764 }
```

Background

The CSS property to change the background color of an element to Hex 333764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333764 }
```

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

```
.background{ background-color:#333764 }
```

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