

# Converting Colors

Hex(332844)

Have a look what the booklet for  
Hex(332844) contains.

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# Color

Hex(332844)

# Conversions

## Conversions Part 1

Format	Color
Hex	332844
RGB	51, 40, 68
RGB Percent	20%, 16%, 27%
CMY	0.8000, 0.8431, 0.7333
CMYK	0.25, 0.41, 0.00, 0.73
HSL	264°, 26%, 21%
HSV	264°, 41%, 27%
XYZ	3.1674, 2.6387, 5.8112
YIQ	46.4810, -2.4320, 11.0400

# Conversions

## Conversions Part 2

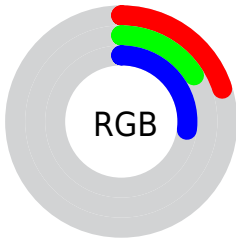
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 40, 68
Decimal	3352644
CIELab	18.53, 12.04, -15.76
CIELCh	19, 19.834, 307.391
Yxy	2.6387, 0.2726, 0.2271
Android (android.graphics.Color)	4281542724 (0xFF332844)
YUV	46.4810, 10.6089, 3.9632
Hunter-Lab	16.2442, 6.3779, -9.8395

# Details

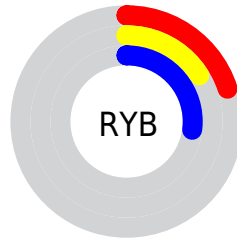
The Hex color **332844** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **394428**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **625574**, and **000019** is the 20% darker color. If you saturate the color by 10%, you get **2F2144**, and if you desaturate by 10%, it is **372F44**.

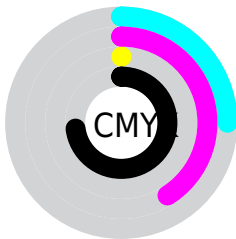
# Distribution



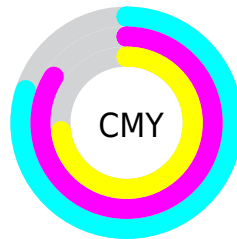
- Red (20%)
- Green (16%)
- Blue (27%)



- Red (20%)
- Yellow (16%)
- Blue (27%)



- Cyan (25%)
- Magenta (41%)
- Yellow (0%)
- Black (73%)



- Cyan (80%)
- Magenta (84%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 332844 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 332844 by changing the saturation by 10% instead.





332844



332844

FFFFFF



1D142E



625574



000019



7B6E8E



000000



9587A8



B0A1C4



CBBCE0



E8D8FC



FFF4FF



332844



332844

■ 2F2144

■ 372F44

■ 2B1A44

■ 3B3644

■ 271444

■ 3F3C44

■ 220D44

■ 444344

■ 1E0644

■ 484A44

■ 1B0044

■ 4C5144

■ 505844

■ 545E44

■ 586544

# Harmonies

## Analogous

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



1B2D4A



332844



422338

# Triad

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



332844



3F2813



003430

# Complementary

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



332844



394428

# 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.



0F3422



332844



322E10

# Square

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



332844



46241C



233116



00343E

# Rectangle

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



332844



47212F



233116



00342B



# Sweetspot

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



332844



534F59



283944



2A272E



ADADAD



2E2E2E



# Same Dimension

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



332844



3F2E59



412844



1F1E21



260061



5800E0



# Inverse Universe

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



442839



592E48



2B4428



211E20



61003B



E00088



# Previews

## White Background



This preview shows how the Hex color 332844 looks on a white background.

## Color Contrast Check

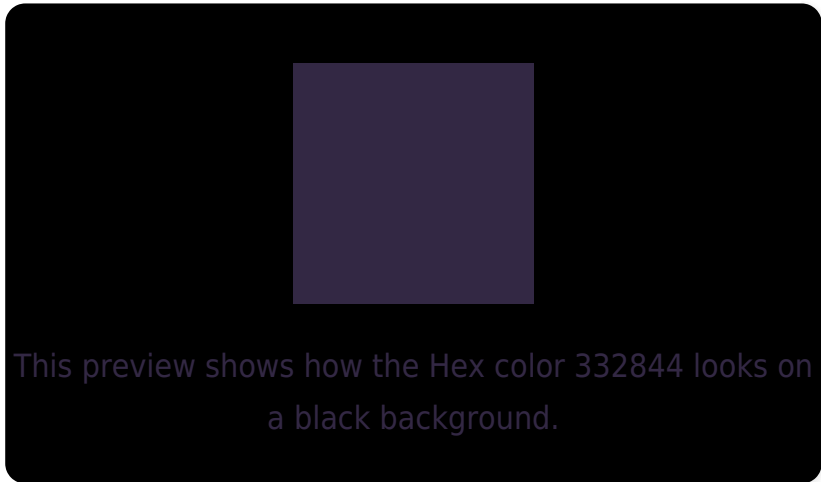
Large Text (above 18pt) WCAG AA ✓ Pass

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

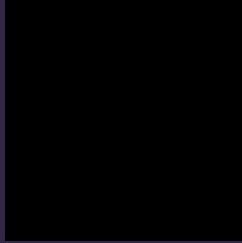
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 332844 Background



This preview shows how black text looks on a background with the Hex color 332844.



This preview shows how white text looks on a background with the Hex color 332844.

# 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**

332844

**Protanopia**

232C48

**Deuteranopia**

242D43



**Tritanopia**  
2F2C30

# Trichromacy



**Original Color**

332844

**Protanomaly**

292B47

**Deuteranomaly**

292B43

**Tritanomaly**

302B37

# Monochromacy



**Original Color**

332844

**Achromatopsia**

2E2E2E

**Achromatomaly**

302C36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 332844 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 #332844 looks like.

```
.text, #text, p{  
    color:#332844  
}
```

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 #332844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332844
}
```

## Border

The CSS property to change the border of an element to Hex 332844 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
#332844 }
```

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

```
.border{ border-color:#332844 }
```

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

Here you see how a box with a 4 pixel #332844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332844; -webkit-box-shadow:4px 4px  
4px 4px #332844; box-shadow:4px 4px 4px  
4px #332844 }
```

# Background

The CSS property to change the background color of an element to Hex 332844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332844 }
```

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

```
.background{ background-color:#332844 }
```

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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