

Converting Colors

Hex(332448)

Have a look what the booklet for
Hex(332448) contains.

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Color

Hex(332448)

Conversions

Conversions Part 1

Format	Color
Hex	332448
RGB	51, 36, 72
RGB Percent	20%, 14%, 28%
CMY	0.8000, 0.8588, 0.7176
CMYK	0.29, 0.50, 0.00, 0.72
HSL	265°, 33%, 21%
HSV	265°, 50%, 28%
XYZ	3.1658, 2.4334, 6.4337
YIQ	44.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

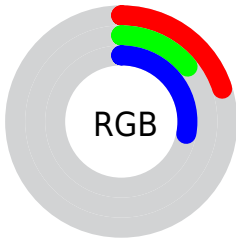
Format	Color
R_{YB}	51, 36, 72
Decimal	3351624
CIE _{Lab}	17.61, 15.98, -19.94
CIE _{LCh}	18, 25.556, 308.710
Yxy	2.4334, 0.2631, 0.2022
Android (android.graphics.Color)	4281541704 (0xFF332448)
YUV	44.5890, 13.5136, 5.6224
Hunter-Lab	15.5995, 8.9263, -13.5335

Details

The Hex color **332448** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **394824**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **635179**, and **00001C** is the 20% darker color. If you saturate the color by 10%, you get **2F1D48**, and if you desaturate by 10%, it is **372B48**.

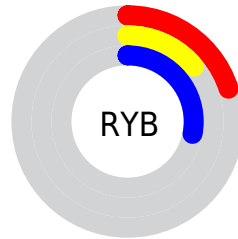
Distribution



Red (20%)

Green (14%)

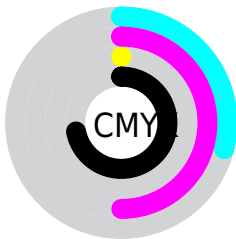
Blue (28%)



Red (20%)

Yellow (14%)

Blue (28%)

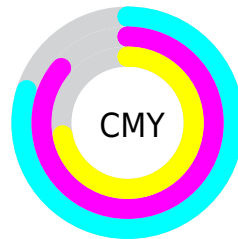


Cyan (29%)

Magenta (50%)

Yellow (0%)

Black (72%)



Cyan (80%)

Magenta (86%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332448 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 332448 by changing the saturation by 10% instead.



332448



332448

FFFFFF



1D1031



635179



00001C



7C6993



000000



9682AD



B19CC9



CCB7E5



E9D3FF



FFEEFF



332448



332448

■ 2F1D48

■ 372B48

■ 2B1648

■ 3B3248

■ 260E48

■ 403A48

■ 220748

■ 444148

■ 1E0048

■ 484848

■ 4C4F48

■ 505648

■ 555E48

■ 596548

Harmonies

Analogous

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



0F2B50



332448



451D39

Triad

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



332448



402505



003430

Complementary

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



332448



394824

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.



00331D



332448



302C00

Square

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



332448



4A1E15



1C310C



003342

Rectangle

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



332448



4B1A2D



1C310C



00342A

Sweetspot

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



332448



56505E



243948



2B2830



B0B0B0



303030

Same Dimension

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



332448



3D265E



452448



222024



290063



5F00E3

Inverse Universe

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



482439



5E2647



274824



242022



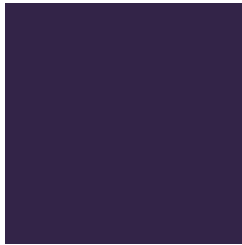
63003A



E30084

Previews

White Background



This preview shows how the Hex color 332448 looks on a white background.

Color Contrast Check

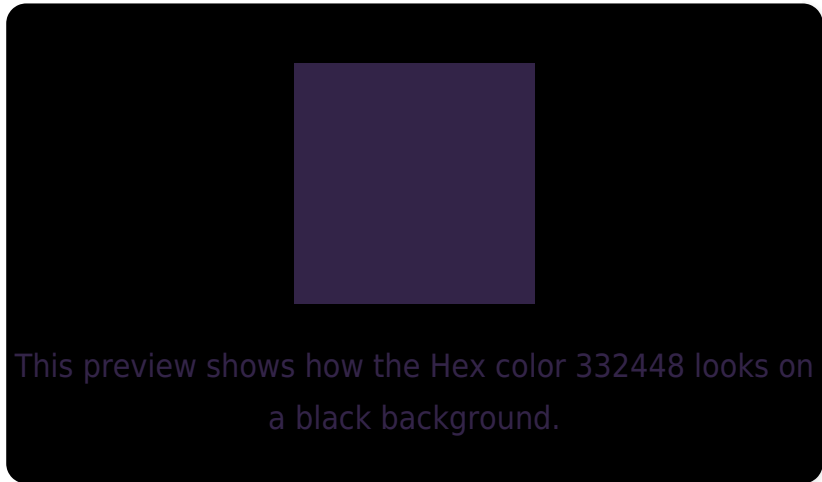
Large Text (above 18pt) WCAG AA ✓ Pass

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

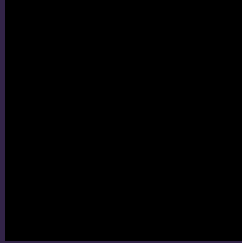
Any Text WCAG AA × Fail

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 332448 Background



This preview shows how black text looks on a background with the Hex color 332448.



This preview shows how white text looks on a background with the Hex color 332448.

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
332448

Protanopia
1A2A4E

Deuteranopia
1B2C46



Tritanopia
2E2A2E

Trichromacy



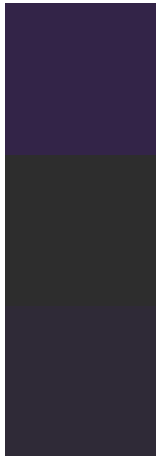
Original Color
332448

Protanomaly
23284C

Deuteranomaly
242947

Tritanomaly
302837

Monochromacy



Original Color
332448

Achromatopsia
2D2D2D

Achromatomaly
2F2A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 332448 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 #332448 looks like.

```
.text, #text, p{  
    color:#332448  
}
```

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 #332448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332448
}
```

Border

The CSS property to change the border of an element to Hex 332448 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".

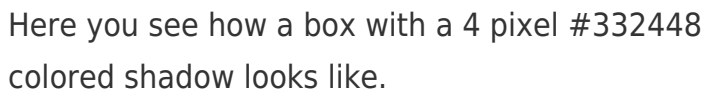
```
.border, #border, table{ border:4px solid
#332448 }
```

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

```
.border{ border-color:#332448 }
```

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

Here you see how a box with a 4 pixel #332448 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332448; -webkit-box-shadow:4px 4px  
4px 4px #332448; box-shadow:4px 4px 4px  
4px #332448 }
```

Background

The CSS property to change the background color of an element to Hex 332448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332448 }
```

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

```
.background{ background-color:#332448 }
```

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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