

Converting Colors

Hex(332367)

Have a look what the booklet for
Hex(332367) contains.

Hex(332367)	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(332367)

Conversions

Conversions Part 1

Format	Color
Hex	332367
RGB	51, 35, 103
RGB Percent	20%, 14%, 40%
CMY	0.8000, 0.8627, 0.5961
CMYK	0.50, 0.66, 0.00, 0.60
HSL	254°, 49%, 27%
HSV	254°, 66%, 40%
XYZ	4.4145, 2.8851, 13.1562
YIQ	47.5360, -12.2920, 24.5400

Conversions

Conversions Part 2

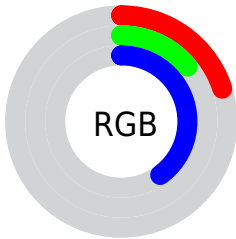
Format	Color
R_{YB}	51, 35, 103
Decimal	3351399
CIE _{Lab}	19.58, 26.38, -37.53
CIE _{LCh}	20, 45.874, 305.096
Yxy	2.8851, 0.2158, 0.1410
Android (android.graphics.Color)	4281541479 (0xFF332367)
YUV	47.5360, 27.3438, 3.0379
Hunter-Lab	16.9857, 16.6658, -34.0327




Details

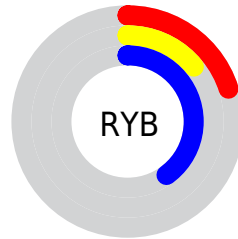
The Hex color **332367** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576723**, and the grayscale version is **2F2F2F**.



A 20% lighter version of the original color is **66509B**, and **040037** is the 20% darker color. If you saturate the color by 10%, you get **2B1967**, and if you desaturate by 10%, it is **3B2D67**.

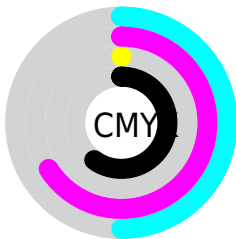
Distribution







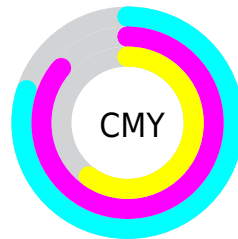
-  Red (20%)
-  Green (14%)
-  Blue (40%)






-  Red (20%)
-  Yellow (14%)
-  Blue (40%)



-  Cyan (50%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (86%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332367 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 332367 by changing the saturation by 10% instead.



332367



332367

FFFFFF



190E4E



66509B



040037



8169B6



000221



9B82D2



000006



B79CEE



000000



D3B7FF



F0D3FF



FFEEFF



332367



332367

■ 2B1967

■ 3B2D67

■ 230E67

■ 433867

■ 1B0467

■ 4B4267

■ 180067

■ 534C67

■ 5A5767

■ 626167

■ 6A6B67

■ 727567

■ 7A8067

Harmonies

Analogous

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



003273



332367



5A084C

Triad

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



332367



512200



003D34

Complementary

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



332367



576723

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.



003B10



332367



373000

Square

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



332367



630A08



123800



003D55

Rectangle

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



332367



650036



123800



003D29

Sweetspot

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



332367



726C87



235767



383445



C4C4C4



454545

Same Dimension

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



332367



361C87



552367



2F2E33



1B0073



3900F2

Inverse Universe

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



672357



871C6E



356723



332E32



730058



F200B9

Previews

White Background



This preview shows how the Hex color 332367 looks on a white background.

Color Contrast Check

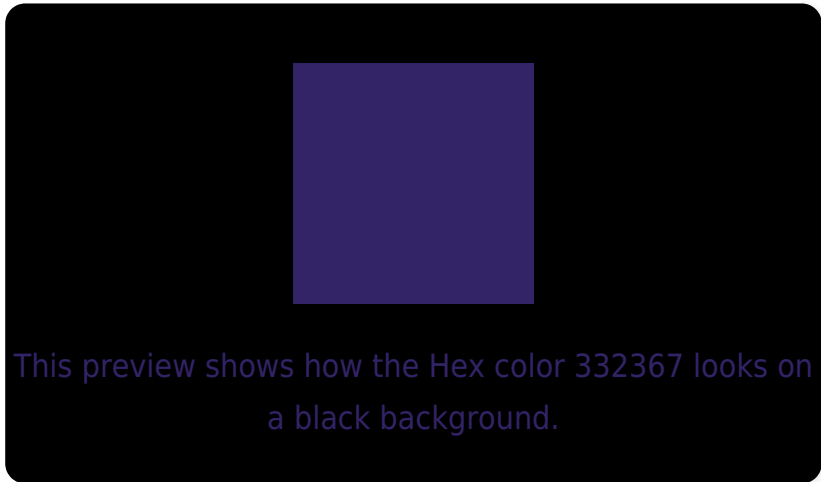
Large Text (above 18pt) WCAG AA ✓ Pass

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

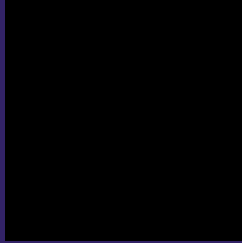
Any Text WCAG AA × Fail

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 332367 Background



This preview shows how black text looks on a background with the Hex color 332367.



This preview shows how white text looks on a background with the Hex color 332367.

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](#).

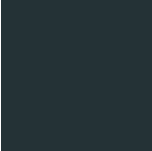
Dichromacy



Original Color
332367

Protanopia
002E62

Deuteranopia
003154



Tritanopia
243236

Trichromacy



Original Color
332367

Protanomaly
132A64

Deuteranomaly
132C5B

Tritanomaly
292D48

Monochromacy



Original Color
332367

Achromatopsia
303030

Achromatomaly
312B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 332367 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 #332367 looks like.

```
.text, #text, p{  
    color:#332367  
}
```

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 #332367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332367
}
```

Border

The CSS property to change the border of an element to Hex 332367 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
#332367 }
```

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

```
.border{ border-color:#332367 }
```

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

Here you see how a box with a 4 pixel #332367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332367; -webkit-box-shadow:4px 4px  
4px 4px #332367; box-shadow:4px 4px 4px  
4px #332367 }
```

Background

The CSS property to change the background color of an element to Hex 332367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332367 }
```

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

```
.background{ background-color:#332367 }
```

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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