

Converting Colors

Hex(332937)

Have a look what the booklet for
Hex(332937) contains.

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Color

Hex(332937)

Conversions

Conversions Part 1

Format	Color
Hex	332937
RGB	51, 41, 55
RGB Percent	20%, 16%, 22%
CMY	0.8000, 0.8392, 0.7843
CMYK	0.07, 0.25, 0.00, 0.78
HSL	283°, 15%, 19%
HSV	283°, 25%, 22%
XYZ	2.8478, 2.5655, 3.9595
YIQ	45.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

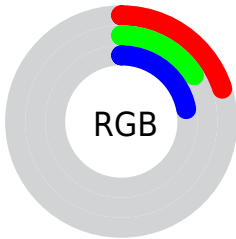
Format	Color
RYB	51, 41, 55
Decimal	3352887
CIELab	18.21, 7.83, -7.27
CIElCh	18, 10.686, 317.102
Yxy	2.5655, 0.3038, 0.2737
Android (android.graphics.Color)	4281542967 (0xFF332937)
YUV	45.5860, 4.6411, 4.7481
Hunter-Lab	16.0172, 3.7060, -3.4447

Details

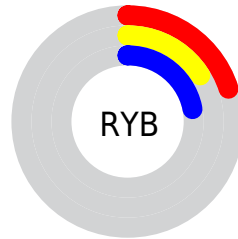
The Hex color **332937** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D3729**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **615666**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **312437**, and if you desaturate by 10%, it is **352F37**.

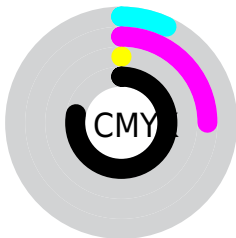
Distribution



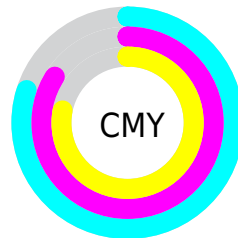
- Red (20%)
- Green (16%)
- Blue (22%)



- Red (20%)
- Yellow (16%)
- Blue (22%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)
- Black (78%)



- Cyan (80%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332937 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 332937 by changing the saturation by 10% instead.

■ 332937

■ 332937

FFFFFF

■ 1E1522

■ 615666

■ 00000A

■ 7A6F7F

■ 000000

■ 948899

■ AFA2B3

■ CABDCF

■ E6D9EB

■ FFF5FF

■ 332937

■ 332937

■ 312437

■ 352F37

■ 301E37

■ 363437

■ 2E1937

■ 383A37

■ 2D1337

■ 393F37

■ 2B0E37

■ 3B4537

■ 2A0837

■ 3C4A37

■ 280237

■ 3E5037

■ 270037

■ 405537

■ 415B37

Harmonies

Analogous

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



292C3B



332937



3A2730

Triad

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



332937



352B1E



163131

Complementary

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



332937



2D3729

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.



1C3129



332937



2D2D1E

Square

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



332937



3A2821



252F22



163037

Rectangle

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



332937



3C272B



252F22



17312E

Sweetspot

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



332937



464247



292D37



232024



A3A3A3



242424

Same Dimension

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



332937



413147



372934



1B191C



42005C



9D00DB

Inverse Universe

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



37292D



473138



29372C



1C191A



5C001A



DB003F

Previews

White Background



This preview shows how the Hex color 332937 looks on a white background.

Color Contrast Check

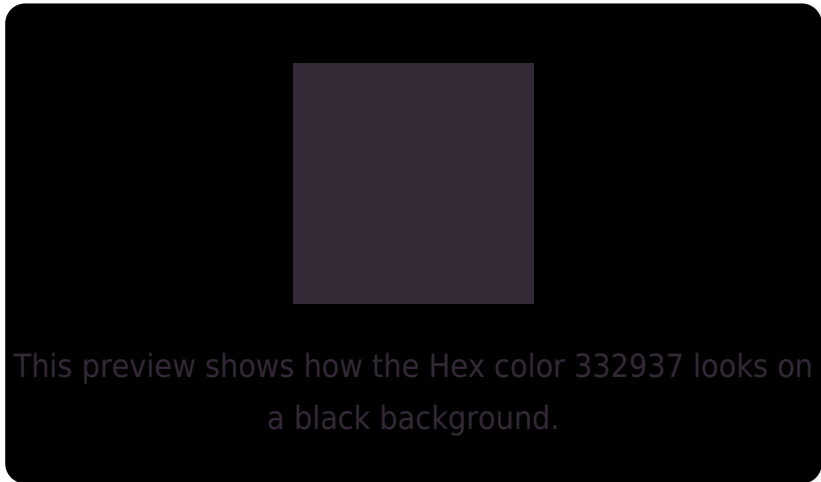
Large Text (above 18pt) WCAG AA ✓ Pass

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

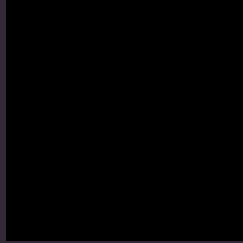
Any Text WCAG AA × Fail

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 332937 Background



This preview shows how black text looks on a background with the Hex color 332937.



This preview shows how white text looks on a background with the Hex color 332937.

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
332937

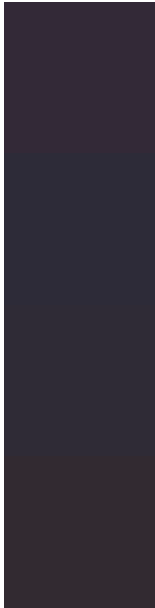
Protanopia
292C39

Deuteranopia
2C2C36



Tritanopia
322B2E

Trichromacy



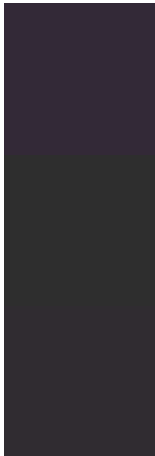
Original Color
332937

Protanomaly
2D2B38

Deuteranomaly
2F2B36

Tritanomaly
322A31

Monochromacy



Original Color
332937

Achromatopsia
2E2E2E

Achromatomaly
302C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 332937 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 #332937 looks like.

```
.text, #text, p{  
    color:#332937  
}
```

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 #332937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332937
}
```

Border

The CSS property to change the border of an element to Hex 332937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

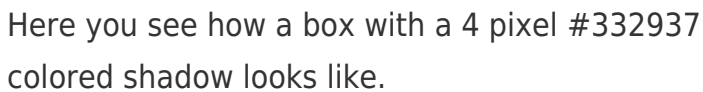
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332937 }
```

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

```
.border{ border-color:#332937 }
```

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



Here you see how a box with a 4 pixel #332937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332937; -webkit-box-shadow:4px 4px  
4px 4px #332937; box-shadow:4px 4px 4px  
4px #332937 }
```

Background

The CSS property to change the background color of an element to Hex 332937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332937 }
```

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

```
.background{ background-color:#332937 }
```

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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