

Converting Colors

Hex(332D64)

Have a look what the booklet for
Hex(332D64) contains.

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Color

Hex(332D64)

Conversions

Conversions Part 1

Format	Color
Hex	332D64
RGB	51, 45, 100
RGB Percent	20%, 18%, 39%
CMY	0.8000, 0.8235, 0.6078
CMYK	0.49, 0.55, 0.00, 0.61
HSL	247°, 38%, 28%
HSV	247°, 55%, 39%
XYZ	4.6039, 3.5007, 12.4896
YIQ	53.0640, -14.0790, 18.3770

Conversions

Conversions Part 2

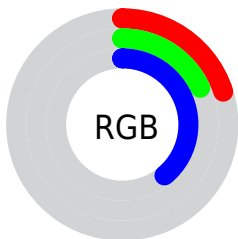
Format	Color
RYB	51, 45, 100
Decimal	3353956
CIELab	21.95, 18.70, -31.75
CIElCh	22, 36.848, 300.495
Yxy	3.5007, 0.2236, 0.1700
Android (android.graphics.Color)	4281544036 (0xFF332D64)
YUV	53.0640, 23.1394, -1.8101
Hunter-Lab	18.7101, 11.1797, -26.4810

Details


The Hex color **332D64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E642D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **655B97**, and **050035** is the 20% darker color. If you saturate the color by 10%, you get **2A2364**, and if you desaturate by 10%, it is **3C3764**.

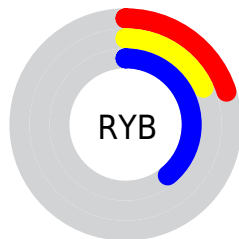
Distribution



 Red (20%)

 Green (18%)

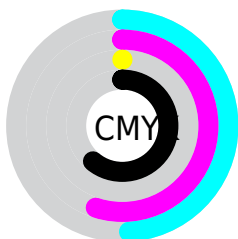
 Blue (39%)



 Red (20%)

 Yellow (18%)

 Blue (39%)

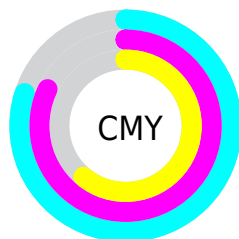


 Cyan (49%)

 Magenta (55%)

 Yellow (0%)

 Black (61%)



 Cyan (80%)

 Magenta (82%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332D64 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 332D64 by changing the saturation by 10% instead.

■ 332D64

■ 332D64

FFFFFF

■ 1A184C

■ 655B97

■ 050035

■ 7F73B2

■ 00021F

■ 9A8DCE

■ 000002

■ B5A7EA

■ 000000

■ D1C3FF

■ EEDFFF

■ FFFBFF

■ 332D64

■ 332D64

■ 2A2364

■ 3C3764

■ 211964

■ 454164

■ 180F64

■ 4E4B64

■ 0F0564

■ 575564

■ 0B0064

■ 605F64

■ 686964

■ 717364

■ 7A7D64

■ 838764

Harmonies

Analogous

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



00386C



332D64



551F50

Triad

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



332D64



562800



004134

Complementary

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



332D64



5E642D

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.



003F18



332D64



413300

Square

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



332D64



621C1B



263B00



004150

Rectangle

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



332D64



60183E



263B00



00402B

Sweetspot

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



332D64



6E6C82



2D5E64



363542



C2C2C2



424242

Same Dimension

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



332D64



362C82



4E2D64



2E2E33



0D0073



1A00F2

Inverse Universe

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



642D5E



822C79



43642D



332E32



730066



F200D8

Previews

White Background



This preview shows how the Hex color 332D64 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

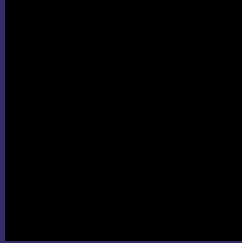
Any Text WCAG AA × Fail

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 332D64 Background



This preview shows how black text looks on a background with the Hex color 332D64.



This preview shows how white text looks on a background with the Hex color 332D64.

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](#).

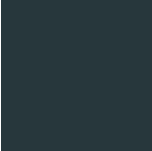
Dichromacy



Original Color
332D64

Protanopia
0D336A

Deuteranopia
00365F



Tritanopia
27373C

Trichromacy



Original Color
332D64

Protanomaly
1B3168

Deuteranomaly
133361

Tritanomaly
2B334B

Monochromacy



Original Color
332D64

Achromatopsia
353535

Achromatomaly
343246

CSS Examples

Text

The CSS property to change the color of the text to Hex 332D64 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 #332D64 looks like.

```
.text, #text, p{  
    color:#332D64  
}
```

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 #332D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332D64
}
```

Border

The CSS property to change the border of an element to Hex 332D64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

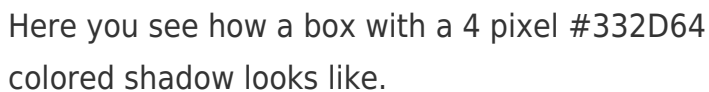
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332D64 }
```

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

```
.border{ border-color:#332D64 }
```

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



Here you see how a box with a 4 pixel #332D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332D64; -webkit-box-shadow:4px 4px  
4px 4px #332D64; box-shadow:4px 4px 4px  
4px #332D64 }
```

Background

The CSS property to change the background color of an element to Hex 332D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332D64 }
```

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

```
.background{ background-color:#332D64 }
```

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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