

Converting Colors

Hex(332E52)

Have a look what the booklet for
Hex(332E52) contains.

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Color

Hex(332E52)

Conversions

Conversions Part 1

Format	Color
Hex	332E52
RGB	51, 46, 82
RGB Percent	20%, 18%, 32%
CMY	0.8000, 0.8196, 0.6784
CMYK	0.38, 0.44, 0.00, 0.68
HSL	248°, 28%, 25%
HSV	248°, 44%, 32%
XYZ	3.8652, 3.2670, 8.4095
YIQ	51.5990, -8.5760, 12.2560

Conversions

Conversions Part 2

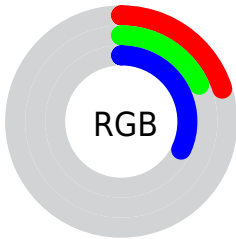
Format	Color
R_{YB}	51, 46, 82
Decimal	3354194
CIE _{Lab}	21.08, 12.10, -21.24
CIE _{LCh}	21, 24.443, 299.677
Yxy	3.2670, 0.2487, 0.2102
Android (android.graphics.Color)	4281544274 (0xFF332E52)
YUV	51.5990, 14.9877, -0.5253
Hunter-Lab	18.0748, 6.5405, -14.9330

Details

The Hex color **332E52** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D522E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **635C84**, and **090025** is the 20% darker color. If you saturate the color by 10%, you get **2C2652**, and if you desaturate by 10%, it is **3A3652**.

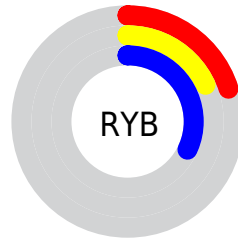
Distribution



 Red (20%)

 Green (18%)

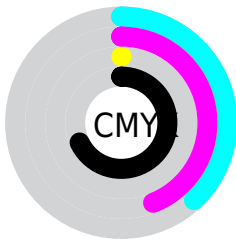
 Blue (32%)




 Red (20%)

 Yellow (18%)

 Blue (32%)

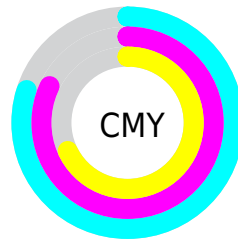


 Cyan (38%)

 Magenta (44%)

 Yellow (0%)

 Black (68%)



 Cyan (80%)

 Magenta (82%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332E52 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 332E52 by changing the saturation by 10% instead.



332E52



332E52

FFFFFF



1C193B



635C84



090025



7C749E



00010E



968EB9



000000



B1A8D5



CDC4F1



E9E0FF



FFFCFF



332E52



332E52

■ 2C2652

■ 3A3652

■ 251E52

■ 413E52

■ 1E1552

■ 484752

■ 170D52

■ 4F4F52

■ 100552

■ 565752

■ 0B0052

■ 5D5F52

■ 646752

■ 6B7052

■ 737852

Harmonies

Analogous

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



0B3557



332E52



482745

Triad

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



332E52



4B2B14



003C32

Complementary

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



332E52



4D522E

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.



123A20



332E52



3D320D

Square

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



332E52



532522



2B3712



003B44

Rectangle

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



332E52



51243A



2B3712



003B2C

Sweetspot

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



332E52



5F5D6B



2E4D52



2E2D36



B5B5B5



363636

Same Dimension

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



332E52



3A326B



452E52



252529



0F0069



2000E8

Inverse Universe

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



522E4D



6B3263



3B522E



292528



69005A



E800C8

Previews

White Background



This preview shows how the Hex color 332E52 looks on a white background.

Color Contrast Check

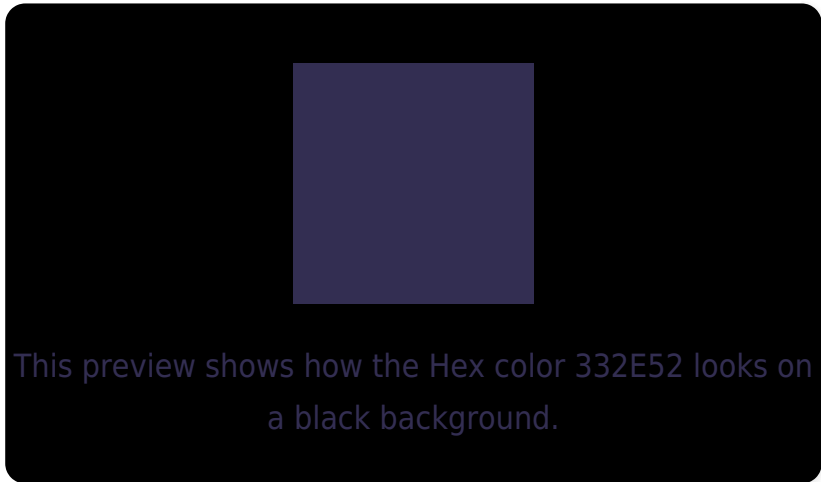
Large Text (above 18pt) WCAG AA ✓ Pass

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

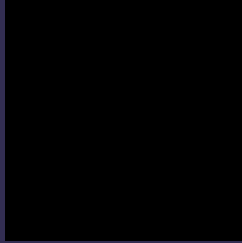
Any Text WCAG AA × Fail

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 332E52 Background



This preview shows how black text looks on a background with the Hex color 332E52.



This preview shows how white text looks on a background with the Hex color 332E52.

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](#).

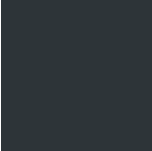
Dichromacy



Original Color
332E52

Protanopia
243255

Deuteranopia
223351



Tritanopia
2D3438

Trichromacy



Original Color
332E52

Protanomaly
293154

Deuteranomaly
283151

Tritanomaly
2F3241

Monochromacy



Original Color
332E52

Achromatopsia
343434

Achromatomaly
34323F

CSS Examples

Text

The CSS property to change the color of the text to Hex 332E52 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 #332E52 looks like.

```
.text, #text, p{  
    color:#332E52  
}
```

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 #332E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332E52
}
```

Border

The CSS property to change the border of an element to Hex 332E52 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
#332E52 }
```

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

```
.border{ border-color:#332E52 }
```

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

Here you see how a box with a 4 pixel #332E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332E52; -webkit-box-shadow:4px 4px  
4px 4px #332E52; box-shadow:4px 4px 4px  
4px #332E52 }
```

Background

The CSS property to change the background color of an element to Hex 332E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332E52 }
```

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

```
.background{ background-color:#332E52 }
```

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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