

Converting Colors

Hex(332E5A)

Have a look what the booklet for
Hex(332E5A) contains.

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Color

Hex(332E5A)

Conversions

Conversions Part 1

Format	Color
Hex	332E5A
RGB	51, 46, 90
RGB Percent	20%, 18%, 35%
CMY	0.8000, 0.8196, 0.6471
CMYK	0.43, 0.49, 0.00, 0.65
HSL	247°, 32%, 27%
HSV	247°, 49%, 35%
XYZ	4.1877, 3.3960, 10.1076
YIQ	52.5110, -11.1440, 14.7440

Conversions

Conversions Part 2

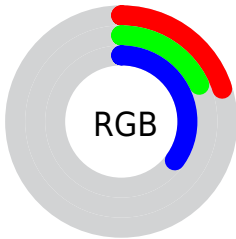
Format	Color
R_{YB}	51, 46, 90
Decimal	3354202
CIE _{Lab}	21.56, 14.68, -25.79
CIE _{LCh}	22, 29.676, 299.648
Yxy	3.3960, 0.2367, 0.1920
Android (android.graphics.Color)	4281544282 (0xFF332E5A)
YUV	52.5110, 18.4821, -1.3251
Hunter-Lab	18.4282, 8.3137, -19.6201

Details

The Hex color **332E5A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **555A2E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **645C8C**, and **08002C** is the 20% darker color. If you saturate the color by 10%, you get **2B255A**, and if you desaturate by 10%, it is **3B375A**.

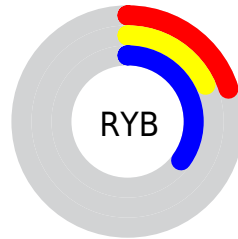
Distribution



Red (20%)

Green (18%)

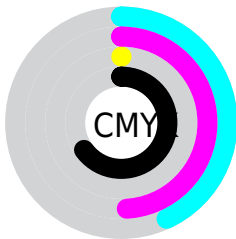
Blue (35%)



Red (20%)

Yellow (18%)

Blue (35%)

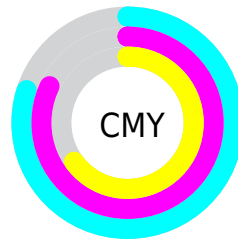


Cyan (43%)

Magenta (49%)

Yellow (0%)

Black (65%)



Cyan (80%)

Magenta (82%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332E5A 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 332E5A by changing the saturation by 10% instead.

■ 332E5A

■ 332E5A

FFFFFF

■ 1B1942

■ 645C8C

■ 08002C

■ 7D74A7

■ 000117

■ 988EC2

■ 000000

■ B3A8DE

■ CFC4FB

■ EBE0FF

■ FFFCFF

■ 332E5A

■ 332E5A

■ 2B255A

■ 3B375A

■ 231C5A

■ 43405A

■ 1B135A

■ 4B495A

■ 130A5A

■ 53525A

■ 0B015A

■ 5B5B5A

■ 0A005A

■ 63645A

■ 6B6D5A

■ 73765A

■ 7B7F5A

Harmonies

Analogous

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



003660



332E5A



4E244A

Triad

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



332E5A



502A0D



003E33

Complementary

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



332E5A



555A2E

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.



063C1C



332E5A



3F3301

Square

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



332E5A



5A221F



293909



003E49

Rectangle

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



332E5A



57203C



293909



003E2B

Sweetspot

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



332E5A



666475



2E565A



31303B



BABABA



3B3B3B

Same Dimension

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



332E5A



383075



482E5A



2A292E



0C006E



1B00ED

Inverse Universe

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



5A2E55



75306D



405A2E



2E292D



6E0061



ED00D2

Previews

White Background



This preview shows how the Hex color 332E5A looks on a white background.

Color Contrast Check

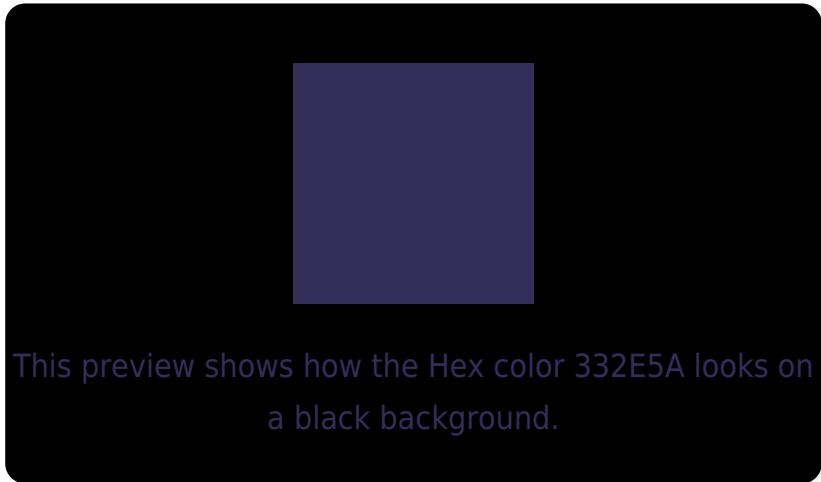
Large Text (above 18pt) WCAG AA ✓ Pass

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

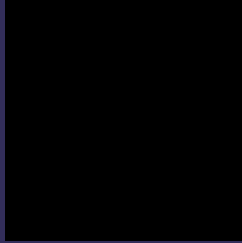
Any Text WCAG AA × Fail

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 332E5A Background



This preview shows how black text looks on a background with the Hex color 332E5A.



This preview shows how white text looks on a background with the Hex color 332E5A.

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
332E5A

Protanopia
1E325E

Deuteranopia
193459



Tritanopia
2B363A

Trichromacy



Original Color
332E5A

Protanomaly
26315D

Deuteranomaly
223259

Tritanomaly
2E3346

Monochromacy



Original Color
332E5A

Achromatopsia
353535

Achromatomaly
343242

CSS Examples

Text

The CSS property to change the color of the text to Hex 332E5A 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 #332E5A looks like.

```
.text, #text, p{  
    color:#332E5A  
}
```

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 #332E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332E5A
}
```

Border

The CSS property to change the border of an element to Hex 332E5A 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
#332E5A }
```

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

```
.border{ border-color:#332E5A }
```

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

Here you see how a box with a 4 pixel #332E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332E5A; -webkit-box-shadow:4px 4px  
4px 4px #332E5A; box-shadow:4px 4px 4px  
4px #332E5A }
```

Background

The CSS property to change the background color of an element to Hex 332E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332E5A }
```

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

```
.background{ background-color:#332E5A }
```

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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