

Converting Colors

Hex(330C40)

Have a look what the booklet for
Hex(330C40) contains.

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Color

Hex(330C40)

Conversions

Conversions Part 1

Format	Color
Hex	330C40
RGB	51, 12, 64
RGB Percent	20%, 5%, 25%
CMY	0.8000, 0.9529, 0.7490
CMYK	0.20, 0.81, 0.00, 0.75
HSL	285°, 68%, 15%
HSV	285°, 81%, 25%
XYZ	2.4221, 1.3369, 4.9809
YIQ	29.5890, 6.5520, 24.4400

Conversions

Conversions Part 2

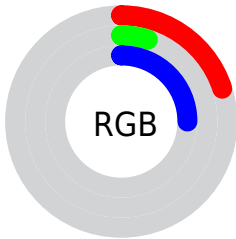
Format	Color
R _Y B	51, 12, 64
Decimal	3345472
CIE Lab	11.53, 28.47, -24.06
CIE LCh	12, 37.274, 319.796
Yxy	1.3369, 0.2771, 0.1530
Android (android.graphics.Color)	4281535552 (0xFF330C40)
YUV	29.5890, 16.9646, 18.7774
Hunter-Lab	11.5625, 17.1580, -17.4471

Details

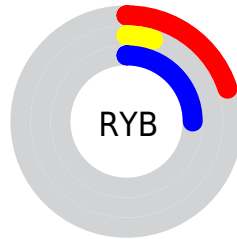
The Hex color **330C40** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19400C**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **643A70**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **310640**, and if you desaturate by 10%, it is **351240**.

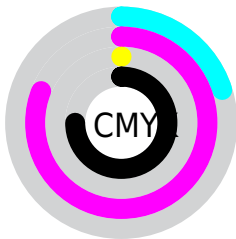
Distribution



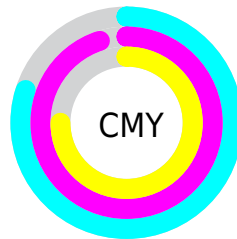
- Red (20%)
- Green (5%)
- Blue (25%)



- Red (20%)
- Yellow (5%)
- Blue (25%)



- Cyan (20%)
- Magenta (81%)
- Yellow (0%)
- Black (75%)



- Cyan (80%)
- Magenta (95%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330C40 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 330C40 by changing the saturation by 10% instead.

 330C40

 330C40

 FFF2FF

 20002A

 643A70

 000114

 7D528A

 000000

 986AA4

 B384BF

 CF9EDB

 EBBAF8

 FFD6FF

 330C40

 330C40

■ 310640

■ 351240

■ 300040

■ 361940

■ 381F40

■ 392640

■ 3B2C40

■ 3D3240

■ 3E3940

■ 403F40

■ 414640

Harmonies

Analogous

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



001C4F



330C40



460028

Triad

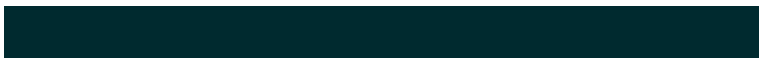
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330C40



2F1A00



002A2F

Complementary

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



330C40



19400C

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.



002915



330C40



172200

Square

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



330C40



400C00



002700



002846

Rectangle

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



330C40



490018



002700



002A27

Sweetspot

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



330C40



4F4054



0C1940



281F2B



ABABAB



2B2B2B

Same Dimension

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



330C40



400254



400C33



201E21



490061



A800E0

Inverse Universe

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



400C19



540216



0C4019



211E1F



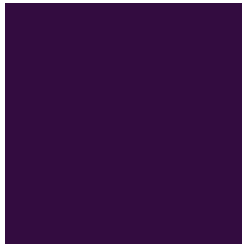
610018



E00038

Previews

White Background



This preview shows how the Hex color 330C40 looks on a white background.

Color Contrast Check

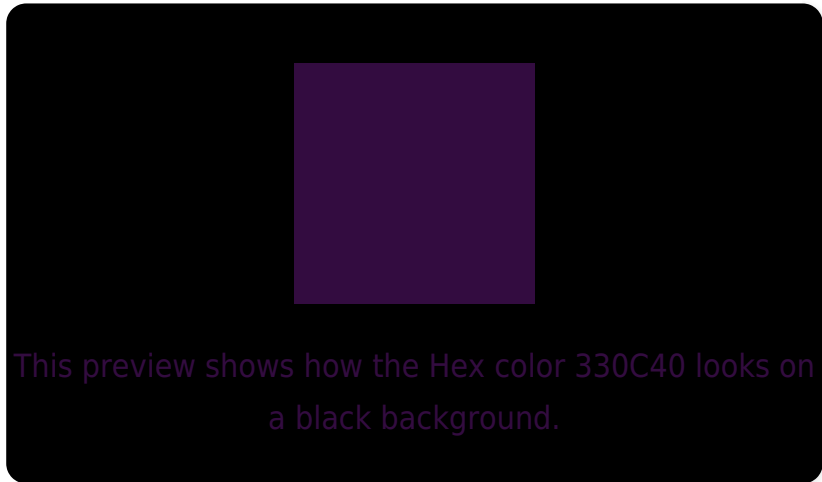
Large Text (above 18pt) WCAG AA ✓ Pass

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

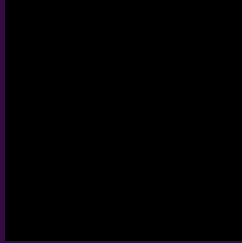
Any Text WCAG AA × Fail

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 330C40 Background



This preview shows how black text looks on a background with the Hex color 330C40.



This preview shows how white text looks on a background with the Hex color 330C40.

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
330C40

Protanopia
001F42

Deuteranopia
00213A



Tritanopia
2E1B1D

Trichromacy



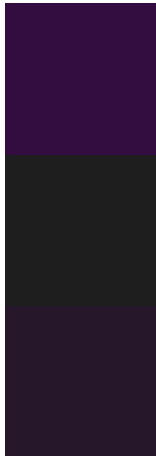
Original Color
330C40

Protanomaly
131841

Deuteranomaly
13193C

Tritanomaly
30162A

Monochromacy



Original Color
330C40

Achromatopsia
1E1E1E

Achromatomaly
26172A

CSS Examples

Text

The CSS property to change the color of the text to Hex 330C40 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 #330C40 looks like.

```
.text, #text, p{  
    color:#330C40  
}
```

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 #330C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330C40
}
```

Border

The CSS property to change the border of an element to Hex 330C40 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
#330C40 }
```

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

```
.border{ border-color:#330C40 }
```

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

Here you see how a box with a 4 pixel #330C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330C40; -webkit-box-shadow:4px 4px  
4px 4px #330C40; box-shadow:4px 4px 4px  
4px #330C40 }
```

Background

The CSS property to change the background color of an element to Hex 330C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330C40 }
```

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

```
.background{ background-color:#330C40 }
```

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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