

Converting Colors

Hex(330038)

Have a look what the booklet for
Hex(330038) contains.

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Color

Hex(330038)

Conversions

Conversions Part 1

Format	Color
Hex	330038
RGB	51, 0, 56
RGB Percent	20%, 0%, 22%
CMY	0.8000, 1.0000, 0.7804
CMYK	0.09, 1.00, 0.00, 0.78
HSL	295°, 100%, 11%
HSV	295°, 100%, 22%
XYZ	2.0791, 0.9893, 3.8228
YIQ	21.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

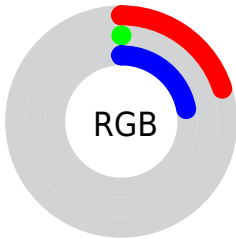
Format	Color
RYB	51, 0, 56
Decimal	3342392
CIELab	8.90, 32.50, -22.55
CIELCh	9, 39.556, 325.237
Yxy	0.9893, 0.3017, 0.1436
Android (android.graphics.Color)	4281532472 (0xFF330038)
YUV	21.6330, 16.9429, 25.7549
Hunter-Lab	9.9465, 19.9042, -15.8245

Details

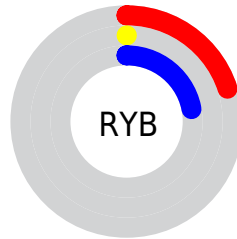
The Hex color **330038** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **053800**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **643067**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **330038**, and if you desaturate by 10%, it is **330638**.

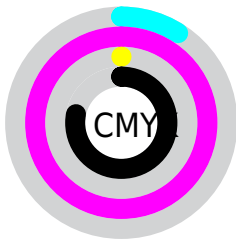
Distribution



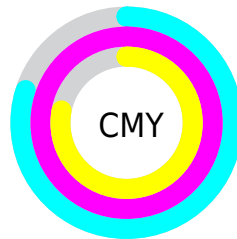
- Red (20%)
- Green (0%)
- Blue (22%)



- Red (20%)
- Yellow (0%)
- Blue (22%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (80%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330038 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 330038 by changing the saturation by 10% instead.

 330038

 330038

 FFE7FF

 200023

 643067

 000008

 7E4881

 000000

 98609B

 B47AB6

 D094D1

 ECAFEE

 FFCBFF

 330038

■ 330638

■ 340B38

■ 341138

■ 351638

■ 351C38

■ 362238

■ 362738

■ 372D38

■ 373238

Harmonies

Analogous

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



00144A



330038



43001F

Triad

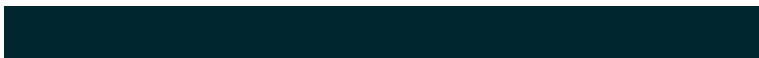
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330038



251700



00262F

Complementary

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



330038



053800

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.



002514



330038



061F00

Square

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



330038



370800



002300



002445

Rectangle

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



330038



45000A



002300



002626

Sweetspot

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



330038



48344A



000638



251826



A6A6A6



262626

Same Dimension

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



330038



43004A



380022



1C191C



54005C



C800DB

Inverse Universe

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



380005



4A0007



003816



1C1919



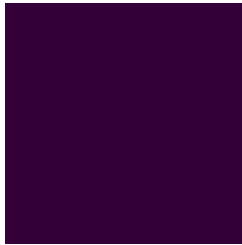
5C0008



DB0014

Previews

White Background



This preview shows how the Hex color 330038 looks on a white background.

Color Contrast Check

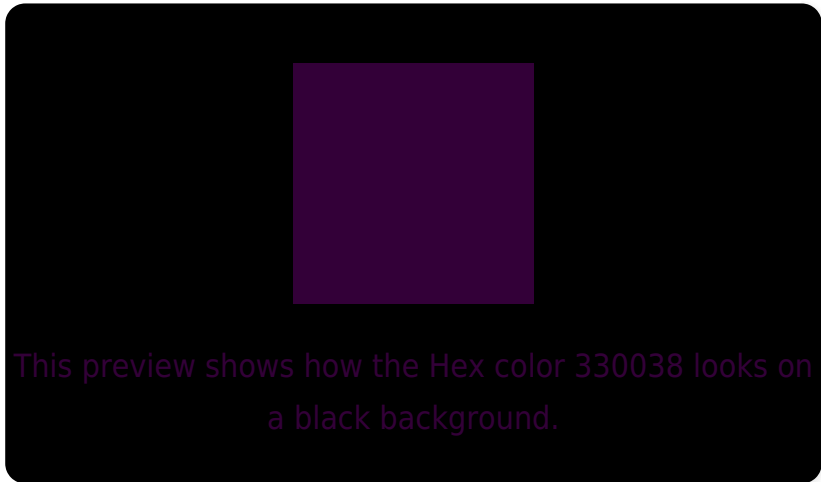
Large Text (above 18pt) WCAG AA ✓ Pass

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

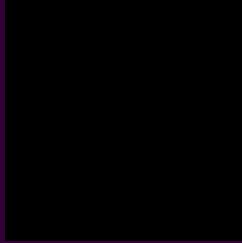
Any Text WCAG AA × Fail

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 330038 Background



This preview shows how black text looks on a background with the Hex color 330038.



This preview shows how white text looks on a background with the Hex color 330038.

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](#).

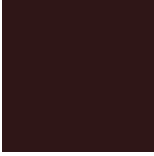
Dichromacy



Original Color
330038

Protanopia
001D3D

Deuteranopia
0B1E35



Tritanopia
2F1617

Trichromacy



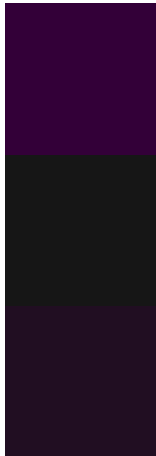
Original Color
330038

Protanomaly
13123B

Deuteranomaly
1A1336

Tritanomaly
300E23

Monochromacy



Original Color
330038

Achromatopsia
161616

Achromatomaly
210E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 330038 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 #330038 looks like.

```
.text, #text, p{  
    color:#330038  
}
```

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 #330038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330038
}
```

Border

The CSS property to change the border of an element to Hex 330038 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
#330038 }
```

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

```
.border{ border-color:#330038 }
```

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

Here you see how a box with a 4 pixel #330038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330038; -webkit-box-shadow:4px 4px  
4px 4px #330038; box-shadow:4px 4px 4px  
4px #330038 }
```

Background

The CSS property to change the background color of an element to Hex 330038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330038 }
```

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

```
.background{ background-color:#330038 }
```

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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