

Converting Colors

Hex(330763)

Have a look what the booklet for
Hex(330763) contains.

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Color

Hex(330763)

Conversions

Conversions Part 1

Format	Color
Hex	330763
RGB	51, 7, 99
RGB Percent	20%, 3%, 39%
CMY	0.8000, 0.9725, 0.6118
CMYK	0.48, 0.93, 0.00, 0.61
HSL	269°, 87%, 21%
HSV	269°, 93%, 39%
XYZ	3.6934, 1.7566, 11.9488
YIQ	30.6440, -3.3080, 37.9400

Conversions

Conversions Part 2

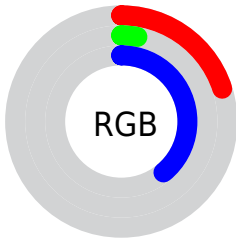
Format	Color
RYB	51, 7, 99
Decimal	3344227
CIELab	14.15, 39.38, -43.76
CIELCh	14, 58.871, 311.982
Yxy	1.7566, 0.2123, 0.1010
Android (android.graphics.Color)	4281534307 (0xFF330763)
YUV	30.6440, 33.6995, 17.8522
Hunter-Lab	13.2537, 26.5476, -44.1747

Details

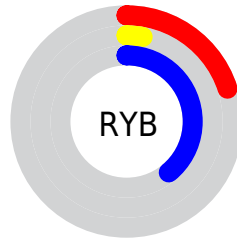
The Hex color **330763** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **376307**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **683997**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **2F0063**, and if you desaturate by 10%, it is **381163**.

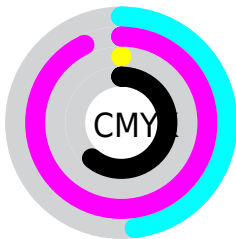
Distribution



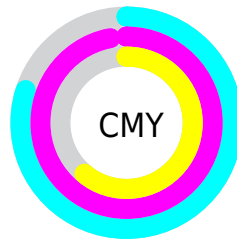
- Red (20%)
- Green (3%)
- Blue (39%)



- Red (20%)
- Yellow (3%)
- Blue (39%)



- Cyan (48%)
- Magenta (93%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (97%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330763 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 330763 by changing the saturation by 10% instead.

■ 330763

■ 330763

■ FFF3FF

■ 19004B

■ 683997

■ 000033

■ 8252B2

■ 00021D

■ 9E6BCE

■ 000000

■ BA85EA

■ D69FFF

■ F3BBFF

■ FFD7FF

■ 330763

■ 330763

■ 2F0063

■ 381163

■ 3D1B63

■ 422563

■ 482F63

■ 4D3963

■ 524263

■ 574C63

■ 5C5663

■ 616063

Harmonies

Analogous

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



002678



330763



5C003E

Triad

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



330763



411800



003334

Complementary

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



330763



376307

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.



003203



330763



1E2800

Square

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



330763



5A0000



002E00



00335C

Rectangle

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



330763



650023



002E00



003326

Sweetspot

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



330763



6D5C80



073863



342A40



BFBFBF



404040

Same Dimension

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



330763



3D0080



600763



2E2C30



360070



7300F0

Inverse Universe

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



630737



800043



0A6307



302C2E



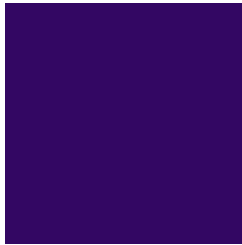
70003B



F0007D

Previews

White Background



This preview shows how the Hex color 330763 looks on a white background.

Color Contrast Check

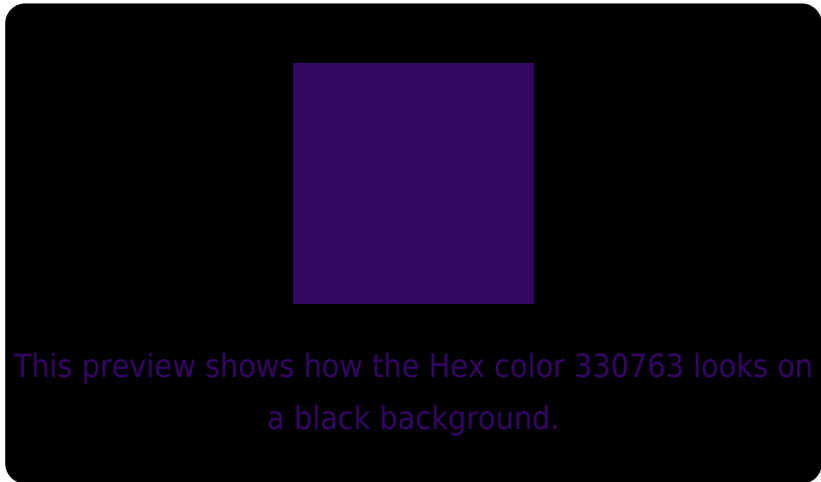
Large Text (above 18pt) WCAG AA ✓ Pass

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

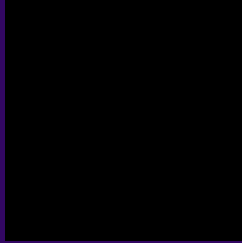
Any Text WCAG AA × Fail

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 330763 Background



This preview shows how black text looks on a background with the Hex color 330763.



This preview shows how white text looks on a background with the Hex color 330763.

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](#).

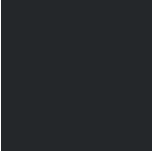
Dichromacy



Original Color
330763

Protanopia
00254E

Deuteranopia
002843



Tritanopia
24272A

Trichromacy



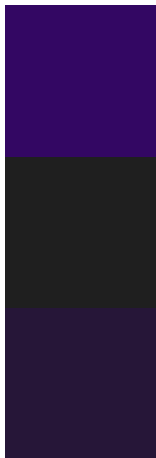
Original Color
330763

Protanomaly
131A56

Deuteranomaly
131C4F

Tritanomaly
291B3F

Monochromacy



Original Color
330763

Achromatopsia
1F1F1F

Achromatomaly
261638

CSS Examples

Text

The CSS property to change the color of the text to Hex 330763 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 #330763 looks like.

```
.text, #text, p{  
    color:#330763  
}
```

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 #330763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330763
}
```

Border

The CSS property to change the border of an element to Hex 330763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

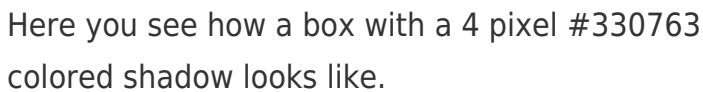
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#330763 }
```

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

```
.border{ border-color:#330763 }
```

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



Here you see how a box with a 4 pixel #330763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330763; -webkit-box-shadow:4px 4px  
4px 4px #330763; box-shadow:4px 4px 4px  
4px #330763 }
```

Background

The CSS property to change the background color of an element to Hex 330763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330763 }
```

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

```
.background{ background-color:#330763 }
```

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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