

Converting Colors

Hex(330726)

Have a look what the booklet for
Hex(330726) contains.

Hex(330726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(330726)

Conversions

Conversions Part 1

Format	Color
Hex	330726
RGB	51, 7, 38
RGB Percent	20%, 3%, 15%
CMY	0.8000, 0.9725, 0.8510
CMYK	0.00, 0.86, 0.25, 0.80
HSL	318°, 76%, 11%
HSV	318°, 86%, 20%
XYZ	1.7911, 0.9957, 1.9315
YIQ	23.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

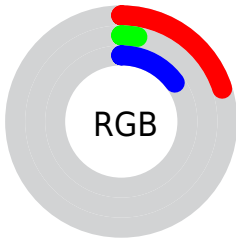
Format	Color
R_{YB}	51, 7, 38
Decimal	3344166
CIE _{Lab}	8.96, 25.49, -9.13
CIE _{LCh}	9, 27.074, 340.284
Yxy	0.9957, 0.3796, 0.2110
Android (android.graphics.Color)	4281534246 (0xFF330726)
YUV	23.6900, 7.0548, 23.9509
Hunter-Lab	9.9785, 14.5771, -4.4916

Details

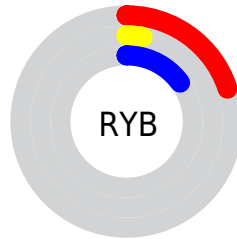
The Hex color **330726** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **073314**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **643553**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330224**, and if you desaturate by 10%, it is **330C28**.

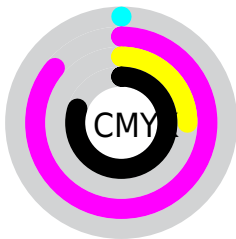
Distribution



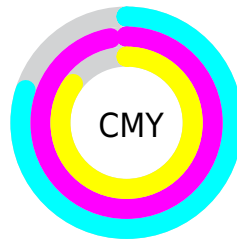
- Red (20%)
- Green (3%)
- Blue (15%)



- Red (20%)
- Yellow (3%)
- Blue (15%)



- Cyan (0%)
- Magenta (86%)
- Yellow (25%)
- Black (80%)



- Cyan (80%)
- Magenta (97%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330726 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 330726 by changing the saturation by 10% instead.

 330726

 330726

 FFEBFF

 1F0011

 643553

 000000

 7D4C6B

 986584

 B37E9E

 CF98B9

 EBB3D5

 FFCFF1

 330726

 330726

■ 330224

■ 330C28

■ 330024

■ 331129

■ 33162B

■ 331B2C

■ 33212E

■ 33262F

■ 332B31

■ 333032

■ 333534

Harmonies

Analogous

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



211135



330726



390414

Triad

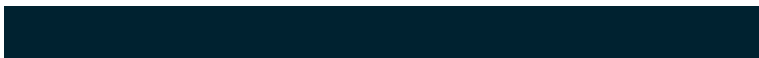
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330726



1C1B00



002230

Complementary

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



330726



073314

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.



00231F



330726



051F00

Square

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



330726



2B1400



002209



001F3C

Rectangle

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



330726



380701



002209



00222B

Sweetspot

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



330726



42313D



130733



21171E



A1A1A1



212121

Same Dimension

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



330726



42002F



330711



1A1719



59003F



D90099

Inverse Universe

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



330726



42002F



073329



1A1719



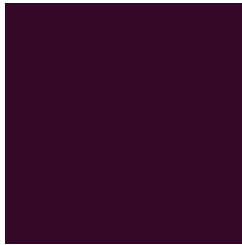
59003F



D90099

Previews

White Background



This preview shows how the Hex color 330726 looks on a white background.

Color Contrast Check

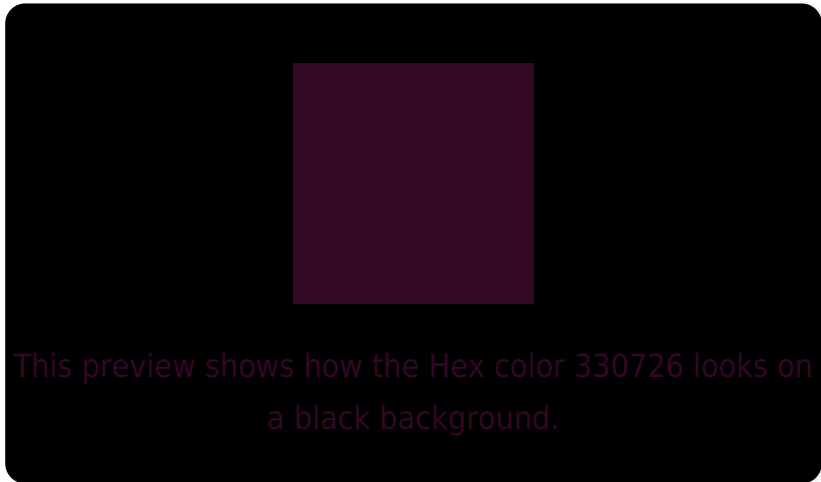
Large Text (above 18pt) WCAG AA ✓ Pass

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

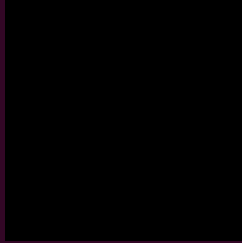
Any Text WCAG AA × Fail

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 330726 Background



This preview shows how black text looks on a background with the Hex color 330726.



This preview shows how white text looks on a background with the Hex color 330726.

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
330726

Protanopia
0E1B35

Deuteranopia
1B1C24



Tritanopia
311011

Trichromacy



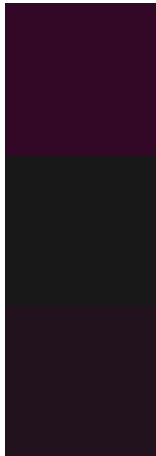
Original Color
330726

Protanomaly
1B1430

Deuteranomaly
241425

Tritanomaly
320D19

Monochromacy



Original Color
330726

Achromatopsia
181818

Achromatomaly
22121D

CSS Examples

Text

The CSS property to change the color of the text to Hex 330726 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 #330726 looks like.

```
.text, #text, p{  
    color:#330726  
}
```

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 #330726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330726  
}
```

Border

The CSS property to change the border of an element to Hex 330726 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".

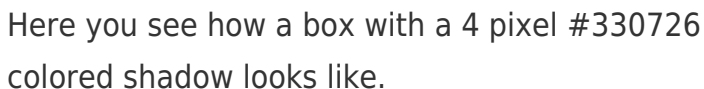
```
.border, #border, table{ border:4px solid  
#330726 }
```

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

```
.border{ border-color:#330726 }
```

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

Here you see how a box with a 4 pixel #330726 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330726; -webkit-box-shadow:4px 4px  
4px 4px #330726; box-shadow:4px 4px 4px  
4px #330726 }
```

Background

The CSS property to change the background color of an element to Hex 330726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330726 }
```

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

```
.background{ background-color:#330726 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor