

Converting Colors

Hex(330521)

Have a look what the booklet for
Hex(330521) contains.

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Color

Hex(330521)

Conversions

Conversions Part 1

Format	Color
Hex	330521
RGB	51, 5, 33
RGB Percent	20%, 2%, 13%
CMY	0.8000, 0.9804, 0.8706
CMYK	0.00, 0.90, 0.35, 0.80
HSL	323°, 82%, 11%
HSV	323°, 90%, 20%
XYZ	1.6940, 0.9222, 1.5276
YIQ	21.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

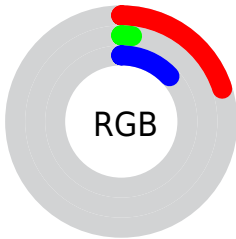
Format	Color
R_{YB}	51, 5, 33
Decimal	3343649
CIE Lab	8.33, 25.76, -6.30
CIE LCh	8, 26.514, 346.263
Yxy	0.9222, 0.4088, 0.2225
Android (android.graphics.Color)	4281533729 (0xFF330521)
YUV	21.9460, 5.4496, 25.4804
Hunter-Lab	9.6029, 14.6838, -2.7094

Details

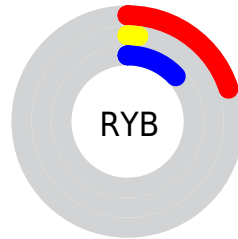
The Hex color **330521** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **053317**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **64334D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **33001F**, and if you desaturate by 10%, it is **330A23**.

Distribution



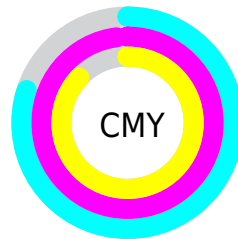
- Red (20%)
- Green (2%)
- Blue (13%)



- Red (20%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (35%)
- Black (80%)



- Cyan (80%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330521 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 330521 by changing the saturation by 10% instead.

 330521

 330521

 FFE9FF

 1F0009

 64334D

 000000

 7E4A65

 98637E

 B37C98

 CF96B3

 ECB1CE

 FFCDEA

 330521

 330521

■ 33001F

■ 330A23

■ 330F25

■ 331427

■ 331929

■ 331E2B

■ 33242D

■ 33292F

■ 332E31

■ 333333

Harmonies

Analogous

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



240E31



330521



37040D

Triad

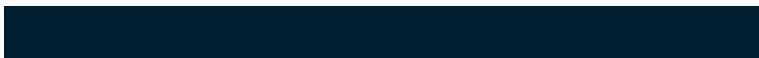
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330521



171A00



002031

Complementary

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



330521



053317

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.



002121



330521



001F00

Square

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



330521



261400



00210E



001D3B

Rectangle

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



330521



350800



00210E



00212D

Sweetspot

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



330521



42303B



170533



21171D



A1A1A1



212121

Same Dimension

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



330521



420028



33050A



1A1719



590036



D90084

Inverse Universe

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



330521



420028



05332E



1A1719



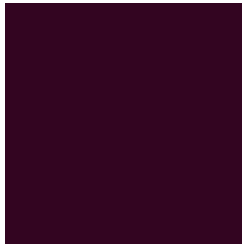
590036



D90084

Previews

White Background



This preview shows how the Hex color 330521 looks on a white background.

Color Contrast Check

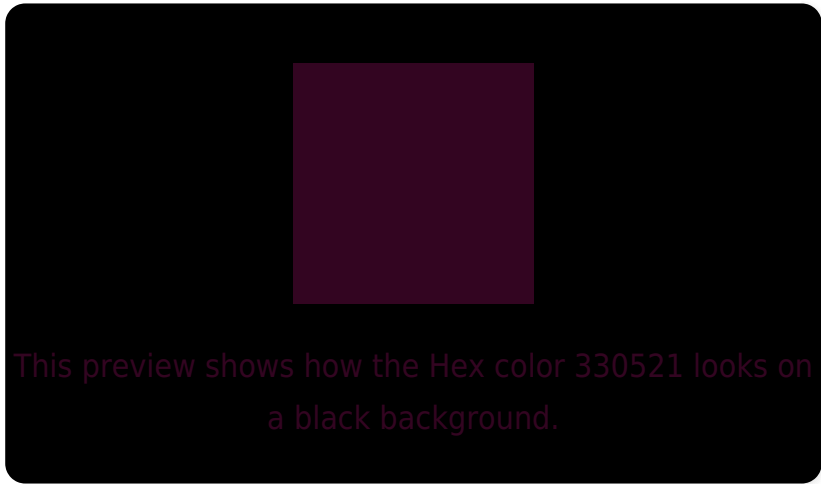
Large Text (above 18pt) WCAG AA ✓ Pass

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

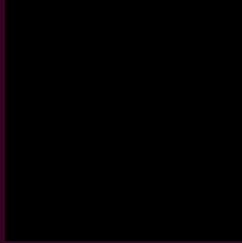
Any Text WCAG AA × Fail

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 330521 Background



This preview shows how black text looks on a background with the Hex color 330521.



This preview shows how white text looks on a background with the Hex color 330521.

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](#).

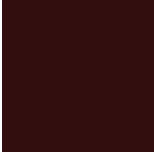
Dichromacy



Original Color
330521

Protanopia
131B2F

Deuteranopia
1C1B1F



Tritanopia
320E0E

Trichromacy



Original Color
330521

Protanomaly
1F132A

Deuteranomaly
241320

Tritanomaly
320B15

Monochromacy



Original Color
330521

Achromatopsia
161616

Achromatomaly
21101A

CSS Examples

Text

The CSS property to change the color of the text to Hex 330521 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 #330521 looks like.

```
.text, #text, p{  
    color:#330521  
}
```

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 #330521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330521
}
```

Border

The CSS property to change the border of an element to Hex 330521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

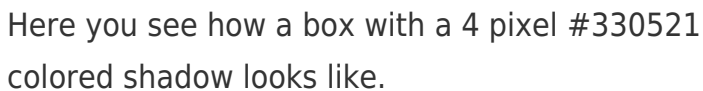
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#330521 }
```

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

```
.border{ border-color:#330521 }
```

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



Here you see how a box with a 4 pixel #330521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330521; -webkit-box-shadow:4px 4px  
4px 4px #330521; box-shadow:4px 4px 4px  
4px #330521 }
```

Background

The CSS property to change the background color of an element to Hex 330521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330521 }
```

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

```
.background{ background-color:#330521 }
```

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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