

Converting Colors

Hex(330F52)

Have a look what the booklet for
Hex(330F52) contains.

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Color

Hex(330F52)

Conversions

Conversions Part 1

Format	Color
Hex	330F52
RGB	51, 15, 82
RGB Percent	20%, 6%, 32%
CMY	0.8000, 0.9412, 0.6784
CMYK	0.38, 0.82, 0.00, 0.68
HSL	272°, 69%, 19%
HSV	272°, 82%, 32%
XYZ	3.0591, 1.6547, 8.1408
YIQ	33.4020, -0.0510, 28.4690

Conversions

Conversions Part 2

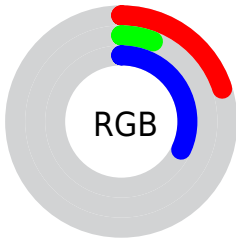
Format	Color
R_{YB}	51, 15, 82
Decimal	3346258
CIE _{Lab}	13.56, 31.63, -33.29
CIE _{LCh}	14, 45.924, 313.538
Y _{xy}	1.6547, 0.2380, 0.1287
Android (android.graphics.Color)	4281536338 (0xFF330F52)
YUV	33.4020, 23.9588, 15.4334
Hunter-Lab	12.8633, 19.9387, -28.5184

Details

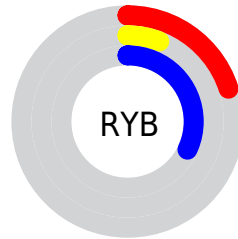
The Hex color **330F52** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2E520F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **653D84**, and **000024** is the 20% darker color. If you saturate the color by 10%, you get **2F0752**, and if you desaturate by 10%, it is **371752**.

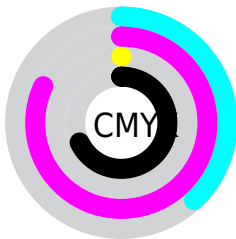
Distribution



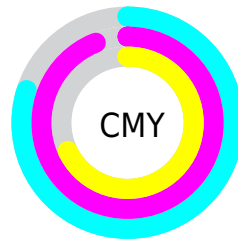
- Red (20%)
- Green (6%)
- Blue (32%)



- Red (20%)
- Yellow (6%)
- Blue (32%)



- Cyan (38%)
- Magenta (82%)
- Yellow (0%)
- Black (68%)



- Cyan (80%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330F52 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 330F52 by changing the saturation by 10% instead.

 330F52

 330F52

 FFF6FF

 1C003B

 653D84

 000024

 7F559E

 00000C

 9A6EBA

 000000

 B588D6

 D1A3F2

 EEBEFF

 FFDAFF

 330F52

 330F52

■ 2F0752

■ 371752

■ 2C0052

■ 3B1F52

■ 3E2852

■ 423052

■ 463852

■ 4A4052

■ 4E4852

■ 515152

■ 555952

Harmonies

Analogous

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



002363



330F52



500036

Triad

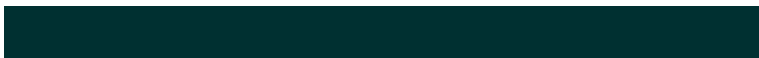
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330F52



3A1A00



003031

Complementary

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



330F52



2E520F

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.



002F0E



330F52



1F2600

Square

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



330F52



4E0200



002C00



002F4F

Rectangle

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



330F52



570021



002C00



002F26

Sweetspot

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



330F52



5F506B



0F2E52



2E2536



B5B5B5



363636

Same Dimension

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



330F52



3B026B



520F50



272529



380069



7D00E8

Inverse Universe

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



520F2E



6B0233



0F5211



292527



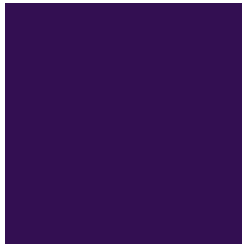
690030



E8006B

Previews

White Background



This preview shows how the Hex color 330F52 looks on a white background.

Color Contrast Check

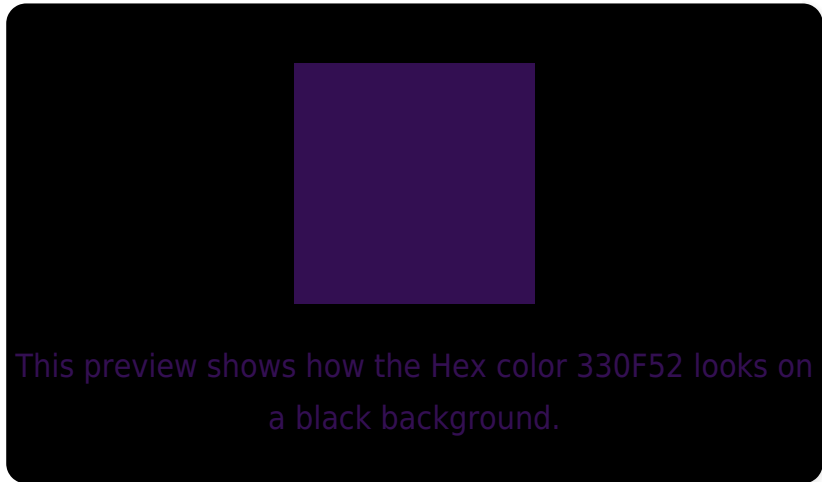
Large Text (above 18pt) WCAG AA ✓ Pass

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

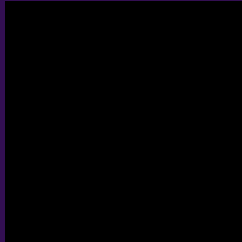
Any Text WCAG AA × Fail

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 330F52 Background



This preview shows how black text looks on a background with the Hex color 330F52.



This preview shows how white text looks on a background with the Hex color 330F52.

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
330F52

Protanopia
00234A

Deuteranopia
002540



Tritanopia
2A2225

Trichromacy



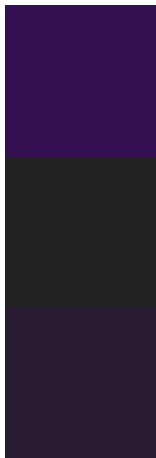
Original Color
330F52

Protanomaly
131C4D

Deuteranomaly
131D47

Tritanomaly
2D1B35

Monochromacy



Original Color
330F52

Achromatopsia
212121

Achromatomaly
281A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 330F52 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 #330F52 looks like.

```
.text, #text, p{  
    color:#330F52  
}
```

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 #330F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330F52
}
```

Border

The CSS property to change the border of an element to Hex 330F52 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".

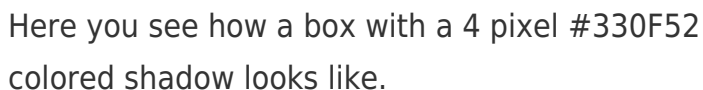
```
.border, #border, table{ border:4px solid
#330F52 }
```

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

```
.border{ border-color:#330F52 }
```

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

Here you see how a box with a 4 pixel #330F52 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330F52; -webkit-box-shadow:4px 4px  
4px 4px #330F52; box-shadow:4px 4px 4px  
4px #330F52 }
```

Background

The CSS property to change the background color of an element to Hex 330F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330F52 }
```

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

```
.background{ background-color:#330F52 }
```

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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