

# Converting Colors

Hex(330150)

Have a look what the booklet for  
Hex(330150) contains.

<b>Hex(330150)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Hex(330150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	330150
RGB	51, 1, 80
RGB Percent	20%, 0%, 31%
CMY	0.8000, 0.9961, 0.6863
CMYK	0.36, 0.99, 0.00, 0.69
HSL	278°, 98%, 16%
HSV	278°, 99%, 31%
XYZ	2.8241, 1.3047, 7.6924
YIQ	24.9560, 4.4410, 35.1690

# Conversions

## Conversions Part 2

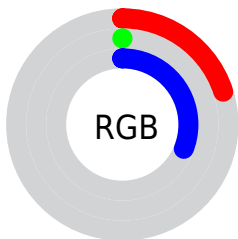
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 1, 80
Decimal	3342672
CIE <sub>Lab</sub>	11.31, 37.16, -35.60
CIE <sub>LCh</sub>	11, 51.455, 316.228
Yxy	1.3047, 0.2389, 0.1104
Android (android.graphics.Color)	4281532752 (0xFF330150)
YUV	24.9560, 27.1367, 22.8406
Hunter-Lab	11.4224, 24.1432, -31.9333

# Details

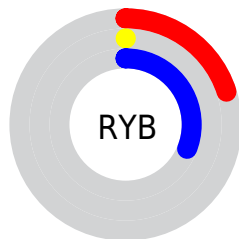
The Hex color **330150** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1E5001**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **663382**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **330050**, and if you desaturate by 10%, it is **360950**.

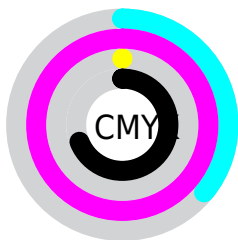
# Distribution



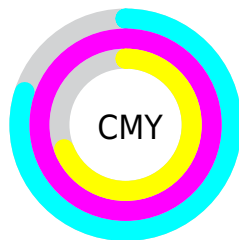
- Red (20%)
- Green (0%)
- Blue (31%)



- Red (20%)
- Yellow (0%)
- Blue (31%)



- Cyan (36%)
- Magenta (99%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 330150 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 330150 by changing the saturation by 10% instead.



 330150

 330150

 FFECFF

 1E0039

 663382

 000222

 804B9C

 000008

 9B64B8

 000000

 B67ED3

 D398F0

 EFB3FF

 FFCFFF

 330150

 330150

■ 330050

■ 360950

■ 391150

■ 3C1950

■ 3F2150

■ 422950

■ 453150

■ 483950

■ 4A4150

■ 4D4950

# Harmonies

## Analogous

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



001D64



330150



510030

# Triad

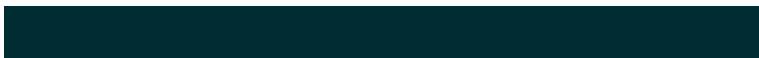
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330150



341700



002D31

# Complementary

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



330150



1E5001

# 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.



002C09



330150



142200

# Square

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



330150



4A0000



002900



002C52

# Rectangle

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



330150



560019



002900



002C25



# Sweetspot

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



330150



5D4969



011F50



2E2236



B5B5B5



363636



# Same Dimension

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



330150



420069



500147



272529



9300E8

# Inverse Universe

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



50011E



690026



01500A



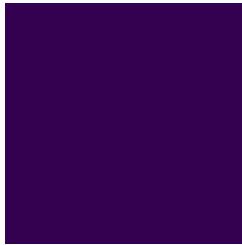
292526



E80055

# Previews

## White Background



This preview shows how the Hex color 330150 looks on a white background.

## Color Contrast Check

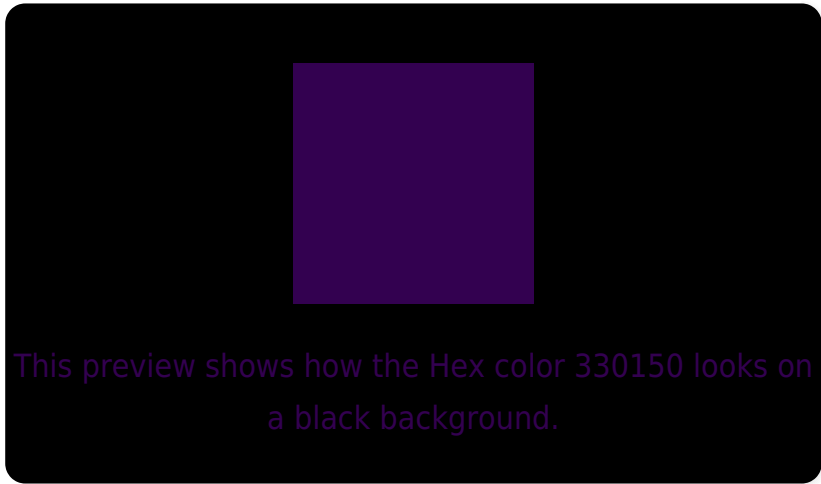
Large Text (above 18pt) WCAG AA ✓ Pass

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

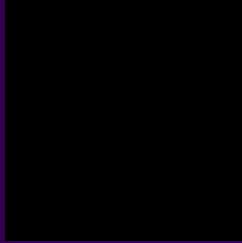
Any Text WCAG AA × Fail

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 330150 Background



This preview shows how black text looks on a background with the Hex color 330150.



This preview shows how white text looks on a background with the Hex color 330150.

# 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**  
330150

**Protanopia**  
002146

**Deuteranopia**  
00233C





# Trichromacy



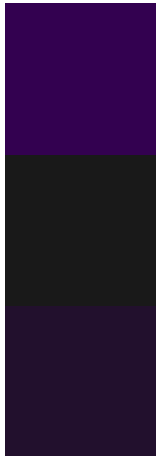
**Original Color**  
330150

**Protanomaly**  
13154A

**Deuteranomaly**  
131743

**Tritanomaly**  
2D1433

# Monochromacy



**Original Color**  
330150

**Achromatopsia**  
191919

**Achromatomaly**  
22102D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 330150 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 #330150 looks like.

```
.text, #text, p{  
    color:#330150  
}
```

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 #330150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330150
}
```

## Border

The CSS property to change the border of an element to Hex 330150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

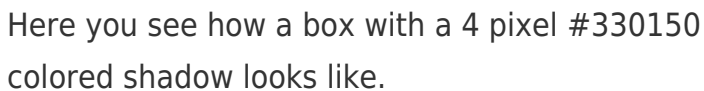
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#330150 }
```

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

```
.border{ border-color:#330150 }
```

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



Here you see how a box with a 4 pixel #330150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330150; -webkit-box-shadow:4px 4px  
4px 4px #330150; box-shadow:4px 4px 4px  
4px #330150 }
```

# Background

The CSS property to change the background color of an element to Hex 330150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330150 }
```

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

```
.background{ background-color:#330150 }
```

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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