

Converting Colors

Hex(330489)

Have a look what the booklet for
Hex(330489) contains.

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Color

Hex(330489)

Conversions

Conversions Part 1

Format	Color
Hex	330489
RGB	51, 4, 137
RGB Percent	20%, 2%, 54%
CMY	0.8000, 0.9843, 0.4627
CMYK	0.63, 0.97, 0.00, 0.46
HSL	261°, 94%, 28%
HSV	261°, 97%, 54%
XYZ	5.9240, 2.5968, 23.8559
YIQ	33.2150, -14.6810, 51.3270

Conversions

Conversions Part 2

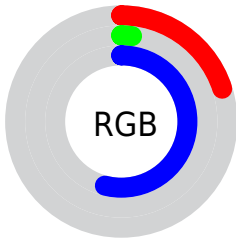
Format	Color
RYB	51, 4, 137
Decimal	3343497
CIELab	18.35, 50.18, -61.35
CIELCh	18, 79.253, 309.282
Yxy	2.5968, 0.1830, 0.0802
Android (android.graphics.Color)	4281533577 (0xFF330489)
YUV	33.2150, 51.1660, 15.5974
Hunter-Lab	16.1145, 37.4196, -76.4925

Details

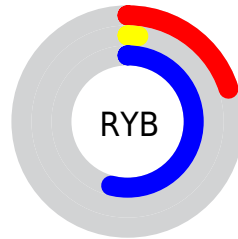
The Hex color **330489** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5A8904**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6E3BC0**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **300089**, and if you desaturate by 10%, it is **3C1289**.

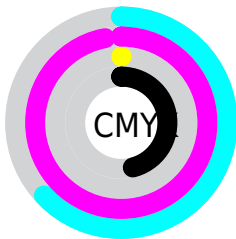
Distribution



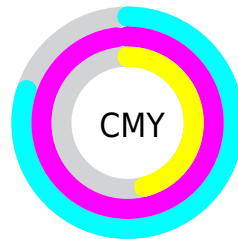
- Red (20%)
- Green (2%)
- Blue (54%)



- Red (20%)
- Yellow (2%)
- Blue (54%)



- Cyan (63%)
- Magenta (97%)
- Yellow (0%)
- Black (46%)



- Cyan (80%)
- Magenta (98%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330489 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 330489 by changing the saturation by 10% instead.

 330489

 330489

 FFF9FF

 0A006F

 6E3BC0

 000056

 8B55DC

 00063D

 A76EF9

 000326

 C489FF

 000110

 E2A4FF

 000000

 FFC0FF

 FFDCFF

 330489

 330489

■ 30089

■ 3C1289

■ 451F89

■ 4E2D89

■ 563B89

■ 5F4989

■ 685689

■ 716489

■ 7A7289

■ 837F89

Harmonies

Analogous

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



0033A4



330489



770057

Triad

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



330489



571700



00403E

Complementary

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



330489



5A8904

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.



003E00



330489



283100

Square

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



330489



780000



003A00



004077

Rectangle

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



330489



850031



003A00



003F2A

Sweetspot

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



330489



917FB3



045A89



453A59



D9D9D9



595959

Same Dimension

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



330489



3F00B3



750489



403E45



2F0085



020005

Inverse Universe

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



89045A



B30073



188904



453E42



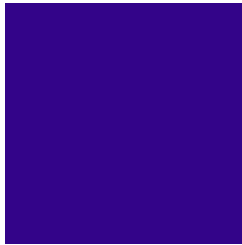
850056



050003

Previews

White Background



This preview shows how the Hex color 330489 looks on a white background.

Color Contrast Check

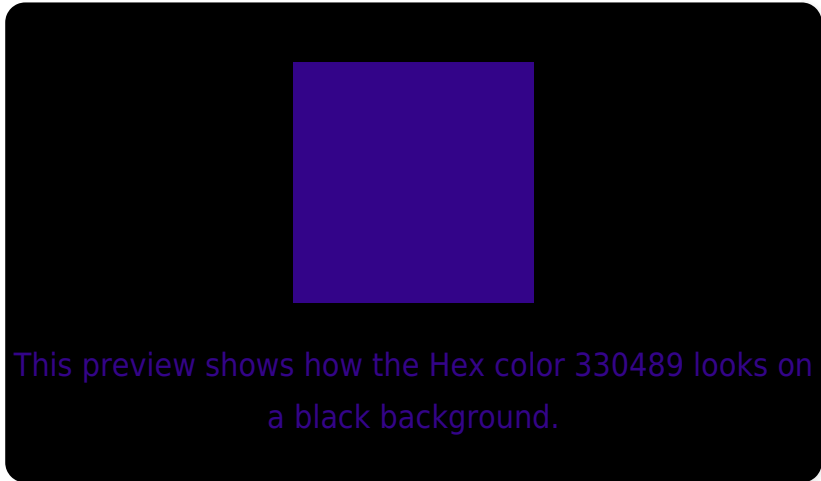
Large Text (above 18pt) WCAG AA ✓ Pass

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

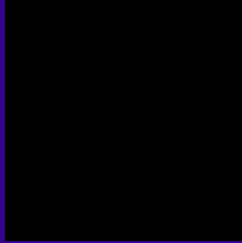
Any Text WCAG AA × Fail

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 330489 Background



This preview shows how black text looks on a background with the Hex color 330489.



This preview shows how white text looks on a background with the Hex color 330489.

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

330489

Protanopia

002E60

Deuteranopia

003152

Trichromacy



Original Color
330489

Protanomaly
131F6F

Deuteranomaly
132166

Tritanomaly
132356

Monochromacy



Original Color
330489

Achromatopsia
212121

Achromatomaly
281647

CSS Examples

Text

The CSS property to change the color of the text to Hex 330489 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 #330489 looks like.

```
.text, #text, p{  
    color:#330489  
}
```

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 #330489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330489
}
```

Border

The CSS property to change the border of an element to Hex 330489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

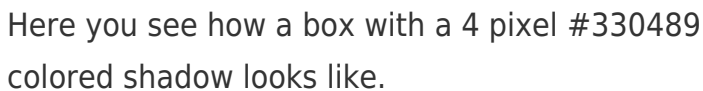
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#330489 }
```

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

```
.border{ border-color:#330489 }
```

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



Here you see how a box with a 4 pixel #330489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330489; -webkit-box-shadow:4px 4px  
4px 4px #330489; box-shadow:4px 4px 4px  
4px #330489 }
```

Background

The CSS property to change the background color of an element to Hex 330489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330489 }
```

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

```
.background{ background-color:#330489 }
```

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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