

Converting Colors

Hex(33027C)

Have a look what the booklet for
Hex(33027C) contains.

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Color

Hex(33027C)

Conversions

Conversions Part 1

Format	Color
Hex	33027C
RGB	51, 2, 124
RGB Percent	20%, 1%, 49%
CMY	0.8000, 0.9922, 0.5137
CMYK	0.59, 0.98, 0.00, 0.51
HSL	264°, 97%, 25%
HSV	264°, 98%, 49%
XYZ	5.0250, 2.2025, 19.2291
YIQ	30.5590, -9.9580, 48.3300

Conversions

Conversions Part 2

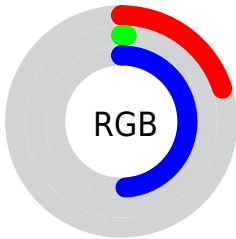
Format	Color
RYB	51, 2, 124
Decimal	3342972
CIELab	16.52, 47.51, -56.15
CIELCh	17, 73.548, 310.234
Yxy	2.2025, 0.1899, 0.0832
Android (android.graphics.Color)	4281533052 (0xFF33027C)
YUV	30.5590, 46.0664, 17.9268
Hunter-Lab	14.8407, 34.4687, -66.4335

Details

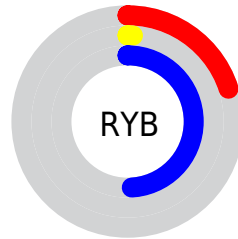
The Hex color **33027C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4B7C02**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6C39B2**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **32007C**, and if you desaturate by 10%, it is **3A0E7C**.

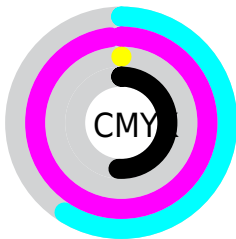
Distribution



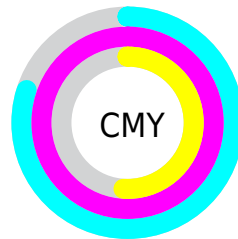
- Red (20%)
- Green (1%)
- Blue (49%)



- Red (20%)
- Yellow (1%)
- Blue (49%)



- Cyan (59%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33027C 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 33027C by changing the saturation by 10% instead.

■ 33027C

■ 33027C

■ FFF5FF

■ 100062

■ 6C39B2

■ 00004A

■ 8852CE

■ 000432

■ A46BEA

■ 00021C

■ C186FF

■ 000000

■ DEA0FF

■ FCBCFF

■ FFD8FF

■ 33027C

■ 33027C

■ 32007C

■ 3A0E7C

■ 421B7C

■ 49277C

■ 51347C

■ 58407C

■ 604C7C

■ 67597C

■ 6E657C

■ 76727C

Harmonies

Analogous

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



002E95



33027C



6E004E

Triad

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



33027C



4E1600



003B3B

Complementary

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



33027C



4B7C02

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.



003900



33027C



232D00

Square

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



33027C



6D0000



003500



003B6E

Rectangle

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



33027C



7A002B



003500



003A28

Sweetspot

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



33027C



8470A1



024B7C



403452



D1D1D1



525252

Same Dimension

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



33027C



4100A1



70027C



3A373D



32007D



6500FC

Inverse Universe

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



7C024B



A10060



0E7C02



3D373B



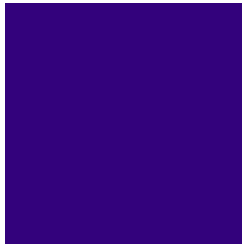
7D004B



FC0097

Previews

White Background



This preview shows how the Hex color 33027C looks on a white background.

Color Contrast Check

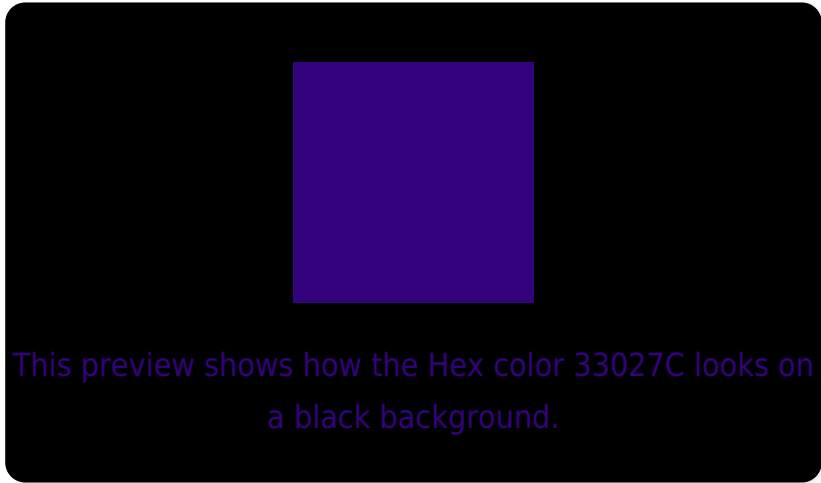
Large Text (above 18pt) WCAG AA ✓ Pass

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

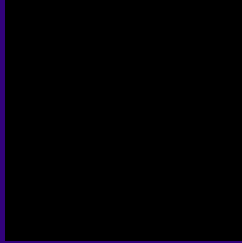
Any Text WCAG AA × Fail

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 33027C Background



This preview shows how black text looks on a background with the Hex color 33027C.



This preview shows how white text looks on a background with the Hex color 33027C.

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](#).

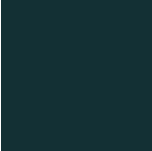
Dichromacy



Original Color
33027C

Protanopia
002B5A

Deuteranopia
002E4C



Tritanopia
133034

Trichromacy



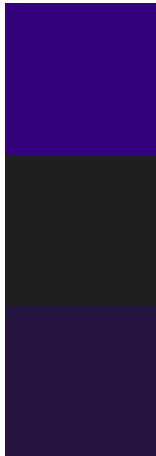
Original Color
33027C

Protanomaly
131C66

Deuteranomaly
131E5D

Tritanomaly
1F1F4E

Monochromacy



Original Color
33027C

Achromatopsia
1F1F1F

Achromatomaly
261441

CSS Examples

Text

The CSS property to change the color of the text to Hex 33027C 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 #33027C looks like.

```
.text, #text, p{  
    color:#33027C  
}
```

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 #33027C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33027C
}
```

Border

The CSS property to change the border of an element to Hex 33027C is called "border". The border property can be set on classes, ids or directly on the HTML element.

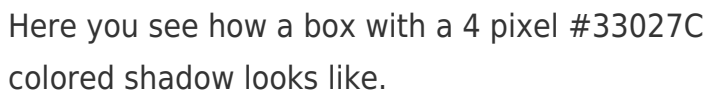
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33027C }
```

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

```
.border{ border-color:#33027C }
```

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



Here you see how a box with a 4 pixel #33027C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33027C; -webkit-box-shadow:4px 4px  
4px 4px #33027C; box-shadow:4px 4px 4px  
4px #33027C }
```

Background

The CSS property to change the background color of an element to Hex 33027C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33027C }
```

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

```
.background{ background-color:#33027C }
```

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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