

Converting Colors

Hex(31027D)

Have a look what the booklet for
Hex(31027D) contains.

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Color

Hex(31027D)

Conversions

Conversions Part 1

Format	Color
Hex	31027D
RGB	49, 2, 125
RGB Percent	19%, 1%, 49%
CMY	0.8078, 0.9922, 0.5098
CMYK	0.61, 0.98, 0.00, 0.51
HSL	263°, 97%, 25%
HSV	263°, 98%, 49%
XYZ	4.9900, 2.1771, 19.5592
YIQ	30.0750, -11.4710, 48.2170

Conversions

Conversions Part 2

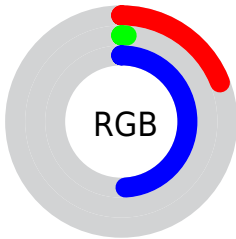
Format	Color
RYB	49, 2, 125
Decimal	3211901
CIELab	16.39, 47.61, -57.00
CIELCh	16, 74.269, 309.869
Yxy	2.1771, 0.1867, 0.0815
Android (android.graphics.Color)	4281401981 (0xFF31027D)
YUV	30.0750, 46.7980, 16.5972
Hunter-Lab	14.7548, 34.5467, -68.2674

Details

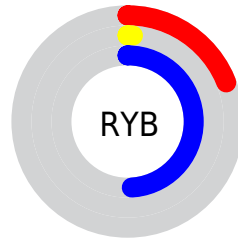
The Hex color **31027D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4E7D02**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6A39B3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **30007D**, and if you desaturate by 10%, it is **390E7D**.

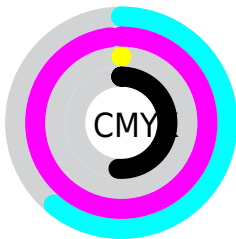
Distribution



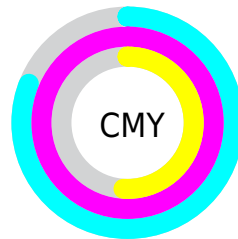
- Red (19%)
- Green (1%)
- Blue (49%)



- Red (19%)
- Yellow (1%)
- Blue (49%)



- Cyan (61%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31027D 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 31027D by changing the saturation by 10% instead.

 31027D

 31027D

 FFF5FF

 0C0063

 6A39B3

 00004B

 8652CF

 000433

 A36BEB

 00021D

 BF85FF

 000000

 DDA0FF

 FABCFF

 FFD8FF

 31027D

 31027D

■ 30007D

■ 390E7D

■ 401B7D

■ 48277D

■ 50347D

■ 58417D

■ 5F4D7D

■ 675A7D

■ 6F667D

■ 77727D

Harmonies

Analogous

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



002E96



31027D



6E004E

Triad

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



31027D



4F1500



003A3A

Complementary

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



31027D



4E7D02

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



31027D



232D00

Square

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



31027D



6D0000



003500



003B6E

Rectangle

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



31027D



7A002C



003500



003A27

Sweetspot

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



31027D



8572A3



02507D



3F3452



D1D1D1



525252

Same Dimension

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



31027D



3E00A3



6D027D



3C3940



310080



000000

Inverse Universe

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



7D024E



A30065



127D02



40393D



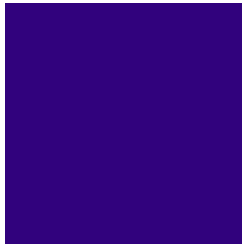
80004F



000000

Previews

White Background



This preview shows how the Hex color 31027D looks on a white background.

Color Contrast Check

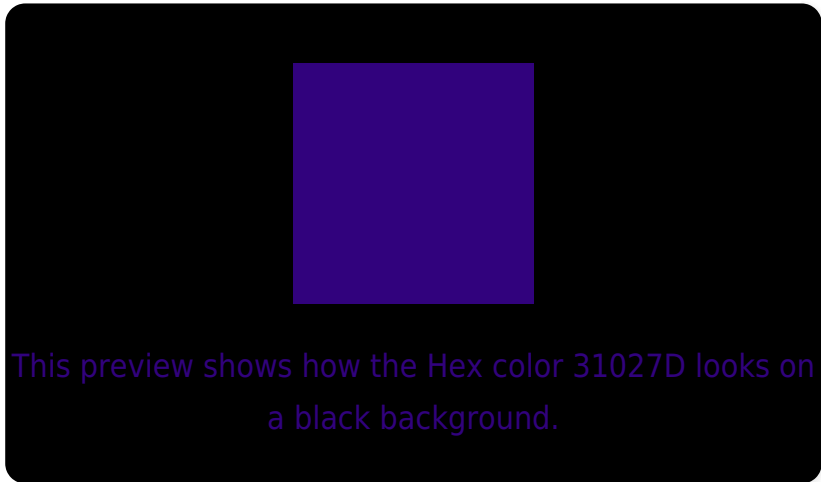
Large Text (above 18pt) WCAG AA ✓ Pass

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

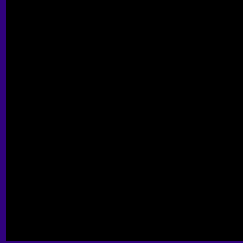
Any Text WCAG AA × Fail

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 31027D Background



This preview shows how black text looks on a background with the Hex color 31027D.



This preview shows how white text looks on a background with the Hex color 31027D.

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
31027D

Protanopia
002A59

Deuteranopia
002D4C



Tritanopia
093135

Trichromacy



Original Color
31027D

Protanomaly
121B66

Deuteranomaly
121D5E

Tritanomaly
18204F

Monochromacy



Original Color
31027D

Achromatopsia
1E1E1E

Achromatomaly
251441

CSS Examples

Text

The CSS property to change the color of the text to Hex 31027D 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 #31027D looks like.

```
.text, #text, p{  
    color:#31027D  
}
```

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 #31027D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31027D
}
```

Border

The CSS property to change the border of an element to Hex 31027D is called "border". The border property can be set on classes, ids or directly on the HTML element.

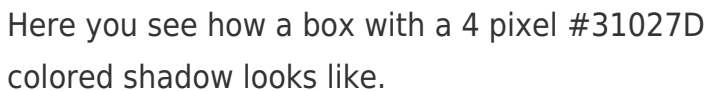
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31027D }
```

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

```
.border{ border-color:#31027D }
```

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



Here you see how a box with a 4 pixel #31027D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31027D; -webkit-box-shadow:4px 4px  
4px 4px #31027D; box-shadow:4px 4px 4px  
4px #31027D }
```

Background

The CSS property to change the background color of an element to Hex 31027D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31027D }
```

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

```
.background{ background-color:#31027D }
```

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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