

Converting Colors

Hex(030096)

Have a look what the booklet for
Hex(030096) contains.

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Color

Hex(030096)

Conversions

Conversions Part 1

Format	Color
Hex	030096
RGB	3, 0, 150
RGB Percent	1%, 0%, 59%
CMY	0.9882, 1.0000, 0.4118
CMYK	0.98, 1.00, 0.00, 0.41
HSL	241°, 100%, 29%
HSV	241°, 100%, 59%
XYZ	5.5426, 2.2214, 28.9908
YIQ	17.9970, -46.3620, 47.2860

Conversions

Conversions Part 2

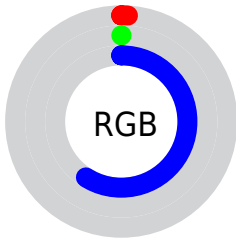
Format	Color
RYB	3, 0, 150
Decimal	196758
CIELab	16.61, 53.34, -72.44
CIELCh	17, 89.962, 306.363
Yxy	2.2214, 0.1508, 0.0604
Android (android.graphics.Color)	4278386838 (0xFF030096)
YUV	17.9970, 65.0775, -13.1524
Hunter-Lab	14.9043, 40.2979, -104.8942

Details

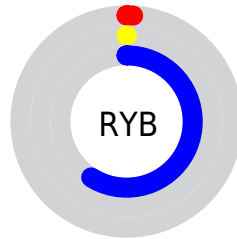
The Hex color **030096** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **939600**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5A37CE**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **030096**, and if you desaturate by 10%, it is **120F96**.

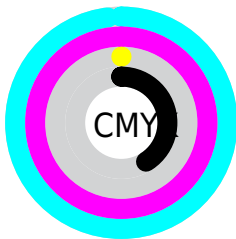
Distribution



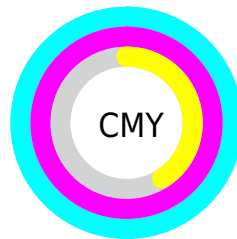
- Red (1%)
- Green (0%)
- Blue (59%)



- Red (1%)
- Yellow (0%)
- Blue (59%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030096 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 030096 by changing the saturation by 10% instead.

 030096

 030096

 FFF3FF

 00007B

 5A37CE

 000061

 7950EA

 000848

 9769FF

 000431

 B583FF

 00011B

 D39EFF

 000000

 F1BAFF

 FFD6FF

 030096

 120F96

 201E96

 2F2D96

 3E3C96

 4C4B96

 5B5A96

 6A6996

 797896

 878796

Harmonies

Analogous

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



0034B1



030096



77005F

Triad

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



030096



5A0400



003B36

Complementary

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



030096



939600

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.



003A00



030096



272C00

Square

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



030096



7D0000



003600



003F77

Rectangle

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



030096



890034



003600



003A1F

Sweetspot

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



030096



8988C2



009496



3F3E61



E0E0E0



616161

Same Dimension

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



030096



0400C2



4E0096



43434A



03008A



00000A

Inverse Universe

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



960093



C200BE



499600



4A434A



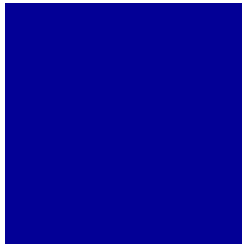
8A0087



0A000A

Previews

White Background



This preview shows how the Hex color 030096 looks on a white background.

Color Contrast Check

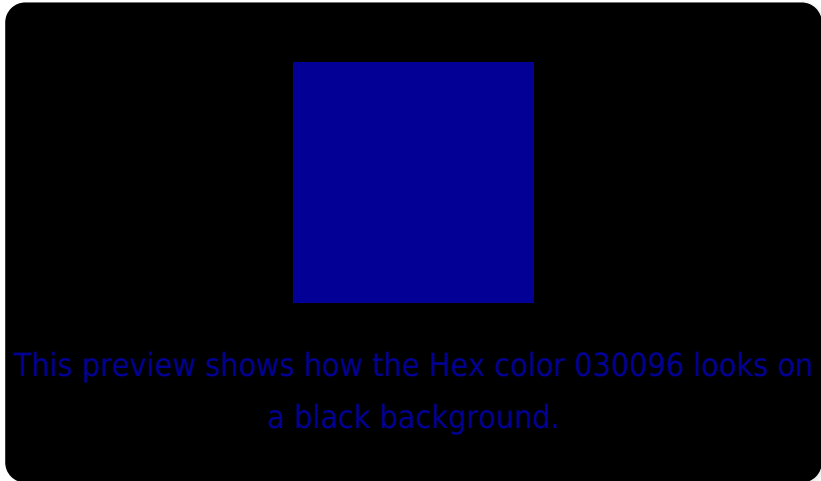
Large Text (above 18pt) WCAG AA ✓ Pass

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

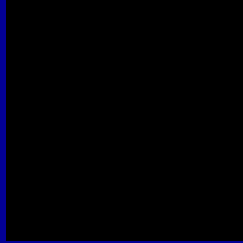
Any Text WCAG AA × Fail

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 030096 Background



This preview shows how black text looks on a background with the Hex color 030096.



This preview shows how white text looks on a background with the Hex color 030096.

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
030096

Protanopia
002C5C

Deuteranopia
002F4E

Trichromacy



Original Color
030096

Protanomaly
011C71

Deuteranomaly
011E68

Tritanomaly
012058

Monochromacy



Original Color
030096

Achromatopsia
121212

Achromatomaly
0D0B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 030096 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 #030096 looks like.

```
.text, #text, p{  
    color:#030096  
}
```

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 #030096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030096
}
```

Border

The CSS property to change the border of an element to Hex 030096 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".

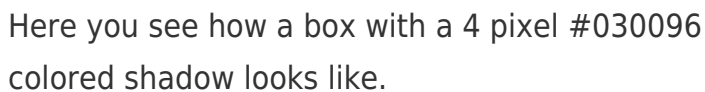
```
.border, #border, table{ border:4px solid
#030096 }
```

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

```
.border{ border-color:#030096 }
```

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

Here you see how a box with a 4 pixel #030096 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030096; -webkit-box-shadow:4px 4px  
4px 4px #030096; box-shadow:4px 4px 4px  
4px #030096 }
```

Background

The CSS property to change the background color of an element to Hex 030096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030096 }
```

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

```
.background{ background-color:#030096 }
```

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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