

Converting Colors

Hex(030086)

Have a look what the booklet for
Hex(030086) contains.

Hex(030086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(030086)

Conversions

Conversions Part 1

Format	Color
Hex	030086
RGB	3, 0, 134
RGB Percent	1%, 0%, 53%
CMY	0.9882, 1.0000, 0.4745
CMYK	0.98, 1.00, 0.00, 0.47
HSL	241°, 100%, 26%
HSV	241°, 100%, 53%
XYZ	4.3406, 1.7406, 22.6614
YIQ	16.1730, -41.2260, 42.3100

Conversions

Conversions Part 2

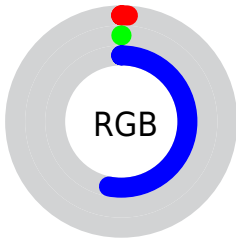
Format	Color
RYB	3, 0, 134
Decimal	196742
CIELab	14.06, 49.14, -66.69
CIELCh	14, 82.842, 306.384
Yxy	1.7406, 0.1510, 0.0606
Android (android.graphics.Color)	4278386822 (0xFF030086)
YUV	16.1730, 58.0887, -11.5527
Hunter-Lab	13.1931, 35.6397, -92.6054

Details

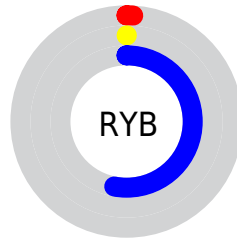
The Hex color **030086** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **838600**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5534BD**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **030086**, and if you desaturate by 10%, it is **100D86**.

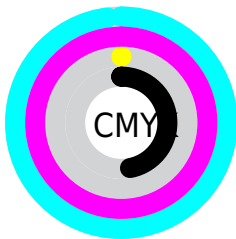
Distribution



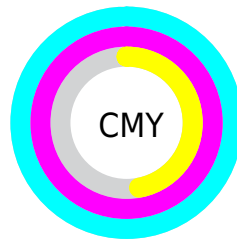
- Red (1%)
- Green (0%)
- Blue (53%)



- Red (1%)
- Yellow (0%)
- Blue (53%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (99%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030086 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 030086 by changing the saturation by 10% instead.

 030086

 030086

 FFEEFF

 00006C

 5534BD

 000053

 734CD9

 00063A

 9066F6

 000224

 AE7FFF

 00000B

 CB9AFF

 000000

 E9B5FF

 FFD1FF

 030086

■ 100D86

■ 1D1B86

■ 2A2886

■ 373686

■ 454386

■ 525086

■ 5F5E86

■ 6C6B86

■ 797986

Harmonies

Analogous

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



002D9F



030086



6A0054

Triad

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



030086



500300



003430

Complementary

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



030086



838600

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.



003300



030086



222600

Square

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



030086



6F0000



003000



00376A

Rectangle

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



030086



7A002E



003000



00331B

Sweetspot

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



030086



7B79AD



008486



383757



D6D6D6



575757

Same Dimension

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



030086



0400AD



450086



3C3C42



030082



000003

Inverse Universe

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



860083



AD00AA



418600



423C42



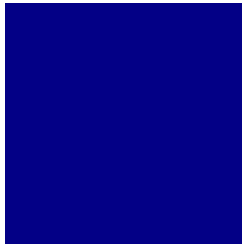
82007F



030002

Previews

White Background



This preview shows how the Hex color 030086 looks on a white background.

Color Contrast Check

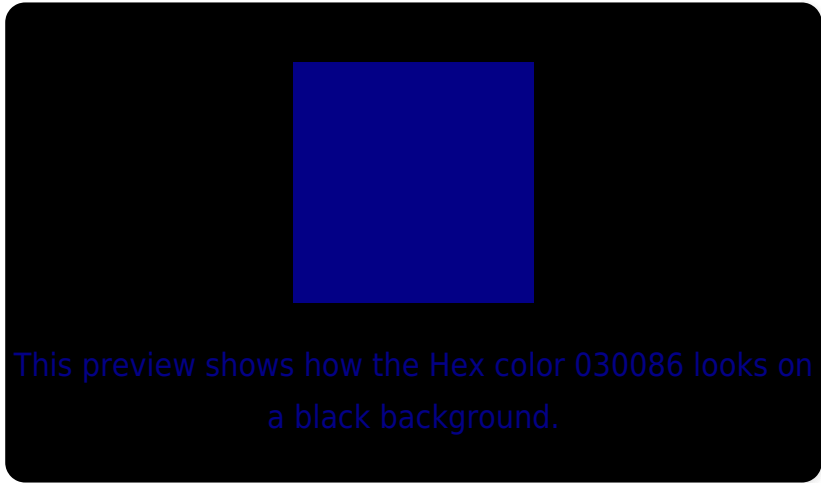
Large Text (above 18pt) WCAG AA ✓ Pass

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

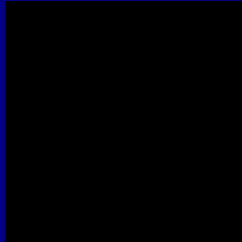
Any Text WCAG AA × Fail

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 030086 Background



This preview shows how black text looks on a background with the Hex color 030086.



This preview shows how white text looks on a background with the Hex color 030086.

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
030086

Protanopia
002752

Deuteranopia
002A45



Tritanopia
002D2F

Trichromacy



Original Color
030086

Protanomaly
011965

Deuteranomaly
011B5D

Tritanomaly
011D4F

Monochromacy



Original Color
030086

Achromatopsia
101010

Achromatomaly
0B0A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 030086 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 #030086 looks like.

```
.text, #text, p{  
    color:#030086  
}
```

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 #030086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030086
}
```

Border

The CSS property to change the border of an element to Hex 030086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

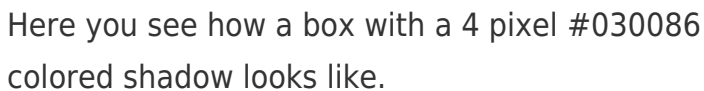
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#030086 }
```

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

```
.border{ border-color:#030086 }
```

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



Here you see how a box with a 4 pixel #030086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030086; -webkit-box-shadow:4px 4px  
4px 4px #030086; box-shadow:4px 4px 4px  
4px #030086 }
```

Background

The CSS property to change the background color of an element to Hex 030086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030086 }
```

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

```
.background{ background-color:#030086 }
```

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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