

Converting Colors

Hex(04016B)

Have a look what the booklet for
Hex(04016B) contains.

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Color

Hex(04016B)

Conversions

Conversions Part 1

Format	Color
Hex	04016B
RGB	4, 1, 107
RGB Percent	2%, 0%, 42%
CMY	0.9843, 0.9961, 0.5804
CMYK	0.96, 0.99, 0.00, 0.58
HSL	242°, 98%, 21%
HSV	242°, 99%, 42%
XYZ	2.7148, 1.1091, 13.9809
YIQ	13.9810, -32.2380, 33.6020

Conversions

Conversions Part 2

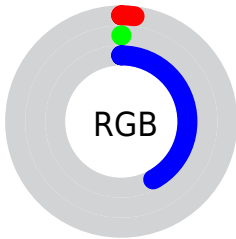
Format	Color
RYB	4, 1, 107
Decimal	262507
CIELab	9.87, 41.34, -56.30
CIELCh	10, 69.844, 306.287
Yxy	1.1091, 0.1525, 0.0623
Android (android.graphics.Color)	4278452587 (0xFF04016B)
YUV	13.9810, 45.8584, -8.7533
Hunter-Lab	10.5312, 27.5848, -71.3400

Details

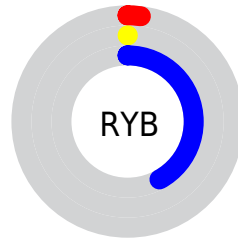
The Hex color **04016B** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **686B01**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4C30A0**, and **00053A** is the 20% darker color. If you saturate the color by 10%, you get **03006B**, and if you desaturate by 10%, it is **0E0C6B**.

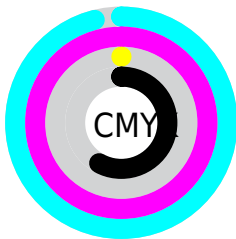
Distribution



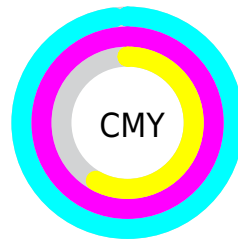
- Red (2%)
- Green (0%)
- Blue (42%)



- Red (2%)
- Yellow (0%)
- Blue (42%)



- Cyan (96%)
- Magenta (99%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04016B 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 04016B by changing the saturation by 10% instead.

 04016B

 04016B

 FFE7FF

 000052

 4C30A0

 00053A

 6948BB

 000223

 8560D7

 00000B

 A17AF4

 000000

 BE94FF

 DBAFFF

 F9CBFF

 04016B

 04016B

■ 03006B

■ 0E0C6B

■ 19166B

■ 23216B

■ 2E2C6B

■ 38366B

■ 42416B

■ 4D4C6B

■ 57576B

■ 62616B

Harmonies

Analogous

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



00237F



04016B



550042

Triad

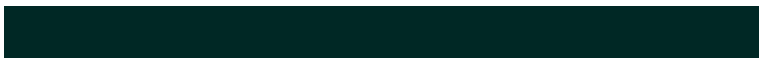
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



04016B



3F0300



002825

Complementary

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



04016B



686B01

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.



002800



04016B



1A1D00

Square

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



04016B



590000



002700



002B54

Rectangle

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



04016B



620024



002700



002814

Sweetspot

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



04016B



63628C



01696B



2E2E47



C7C7C7



474747

Same Dimension

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



04016B



04008C



38016B



303036



030075



0700F5

Inverse Universe

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



6B0168



8C0088



346B01



363035



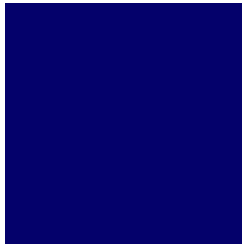
750072



F500EE

Previews

White Background



This preview shows how the Hex color 04016B looks on a white background.

Color Contrast Check

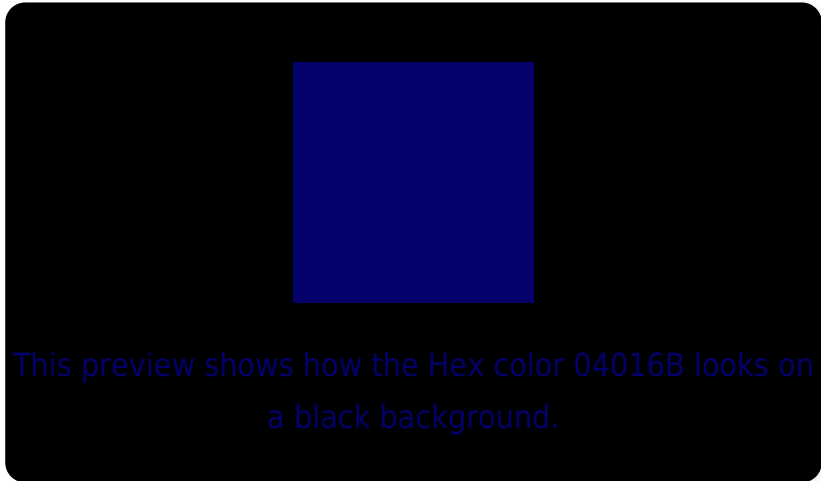
Large Text (above 18pt) WCAG AA ✓ Pass

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

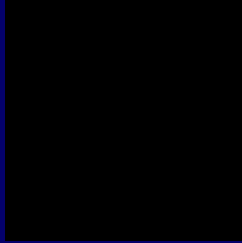
Any Text WCAG AA × Fail

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 04016B Background



This preview shows how black text looks on a background with the Hex color 04016B.



This preview shows how white text looks on a background with the Hex color 04016B.

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
04016B

Protanopia
001F42

Deuteranopia
002138

Trichromacy



Original Color
04016B

Protanomaly
011451

Deuteranomaly
01154B

Tritanomaly
01173F

Monochromacy



Original Color
04016B

Achromatopsia
0E0E0E

Achromatomaly
0A0930

CSS Examples

Text

The CSS property to change the color of the text to Hex 04016B 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 #04016B looks like.

```
.text, #text, p{  
    color:#04016B  
}
```

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 #04016B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04016B
}
```

Border

The CSS property to change the border of an element to Hex 04016B 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
#04016B }
```

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

```
.border{ border-color:#04016B }
```

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

Here you see how a box with a 4 pixel #04016B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04016B; -webkit-box-shadow:4px 4px  
4px 4px #04016B; box-shadow:4px 4px 4px  
4px #04016B }
```

Background

The CSS property to change the background color of an element to Hex 04016B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04016B }
```

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

```
.background{ background-color:#04016B }
```

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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