

Converting Colors

Hex(030066)

Have a look what the booklet for
Hex(030066) contains.

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Color

Hex(030066)

Conversions

Conversions Part 1

Format	Color
Hex	030066
RGB	3, 0, 102
RGB Percent	1%, 0%, 40%
CMY	0.9882, 1.0000, 0.6000
CMYK	0.97, 1.00, 0.00, 0.60
HSL	242°, 100%, 20%
HSV	242°, 100%, 40%
XYZ	2.4358, 0.9787, 12.6309
YIQ	12.5250, -30.9540, 32.3580

Conversions

Conversions Part 2

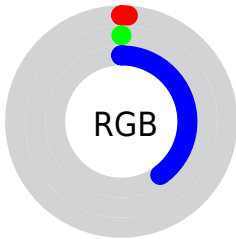
Format	Color
R_{YB}	3, 0, 102
Decimal	196710
CIE _{Lab}	8.81, 40.46, -54.76
CIE _{LCh}	9, 68.089, 306.461
Yxy	0.9787, 0.1518, 0.0610
Android (android.graphics.Color)	4278386790 (0xFF030066)
YUV	12.5250, 44.1112, -8.3534
Hunter-Lab	9.8928, 26.6384, -68.7754

Details

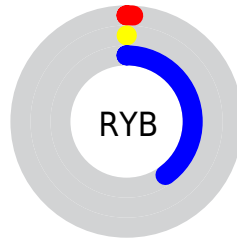
The Hex color **030066** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **636600**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **4A2E9A**, and **000535** is the 20% darker color. If you saturate the color by 10%, you get **030066**, and if you desaturate by 10%, it is **0D0A66**.

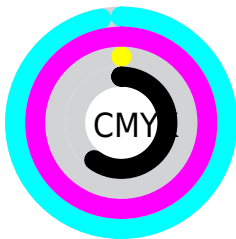
Distribution



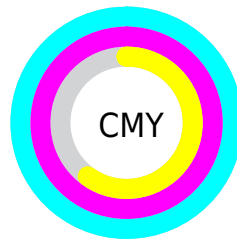
- Red (1%)
- Green (0%)
- Blue (40%)



- Red (1%)
- Yellow (0%)
- Blue (40%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030066 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 030066 by changing the saturation by 10% instead.

 030066

 030066

 FFE4FF

 00004D

 4A2E9A

 000535

 6746B6

 00021F

 825ED2

 000002

 9F77EE

 000000

 BB92FF

 D8ADFF

 F6C8FF

 030066

■ 0D0A66

■ 171466

■ 211F66

■ 2B2966

■ 353366

■ 3E3D66

■ 484766

■ 525266

■ 5C5C66

Harmonies

Analogous

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



002179



030066



51003F

Triad

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



030066



3B0200



002623

Complementary

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



030066



636600

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.



002500



030066



181B00

Square

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



030066



540000



002500



002850

Rectangle

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



030066



5D0021



002500



002512

Sweetspot

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



030066



5E5D85



006466



2B2A42



C2C2C2



424242

Same Dimension

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



030066



040085



350066



2E2E33



030073



0700F2

Inverse Universe

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



660063



850081



316600



332E33



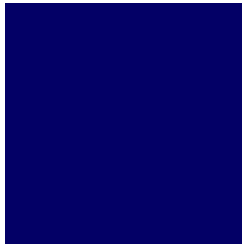
73006F



F200EB

Previews

White Background



This preview shows how the Hex color 030066 looks on a white background.

Color Contrast Check

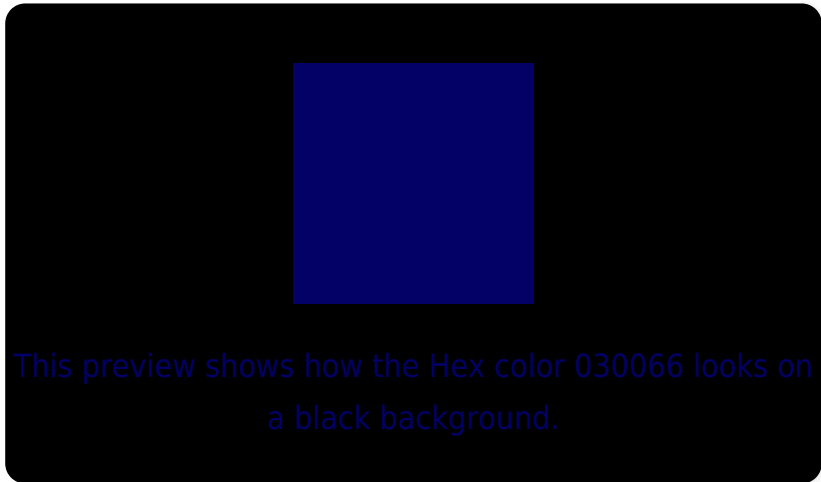
Large Text (above 18pt) WCAG AA ✓ Pass

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

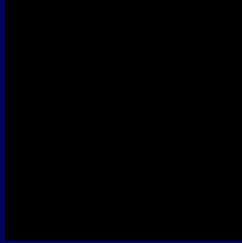
Any Text WCAG AA × Fail

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 030066 Background



This preview shows how black text looks on a background with the Hex color 030066.



This preview shows how white text looks on a background with the Hex color 030066.

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
030066

Protanopia
001E3E

Deuteranopia
002035

Trichromacy



Original Color
030066

Protanomaly
01134D

Deuteranomaly
011447

Tritanomaly
01163C

Monochromacy



Original Color
030066

Achromatopsia
0D0D0D

Achromatomaly
09082D

CSS Examples

Text

The CSS property to change the color of the text to Hex 030066 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 #030066 looks like.

```
.text, #text, p{  
    color:#030066  
}
```

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 #030066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030066
}
```

Border

The CSS property to change the border of an element to Hex 030066 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
#030066 }
```

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

```
.border{ border-color:#030066 }
```

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

Here you see how a box with a 4 pixel #030066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030066; -webkit-box-shadow:4px 4px  
4px 4px #030066; box-shadow:4px 4px 4px  
4px #030066 }
```

Background

The CSS property to change the background color of an element to Hex 030066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030066 }
```

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

```
.background{ background-color:#030066 }
```

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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