

Converting Colors

Hex(00036B)

Have a look what the booklet for
Hex(00036B) contains.

Hex(00036B)	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(00036B)

Conversions

Conversions Part 1

Format	Color
Hex	00036B
RGB	0, 3, 107
RGB Percent	0%, 1%, 42%
CMY	1.0000, 0.9882, 0.5804
CMYK	1.00, 0.97, 0.00, 0.58
HSL	238°, 100%, 21%
HSV	238°, 100%, 42%
XYZ	2.6864, 1.1267, 13.9858
YIQ	13.9590, -35.1720, 31.7080

Conversions

Conversions Part 2

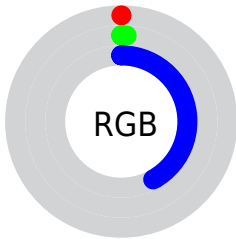
Format	Color
RYB	0, 3, 107
Decimal	875
CIELab	10.00, 40.21, -56.08
CIELCh	10, 69.005, 305.647
Yxy	1.1267, 0.1509, 0.0633
Android (android.graphics.Color)	4278190955 (0xFF00036B)
YUV	13.9590, 45.8692, -12.2420
Hunter-Lab	10.6144, 26.6013, -70.6916

Details

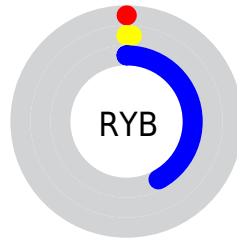
The Hex color **00036B** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6B6800**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4B31A0**, and **00053A** is the 20% darker color. If you saturate the color by 10%, you get **00036B**, and if you desaturate by 10%, it is **0B0D6B**.

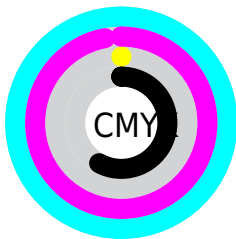
Distribution



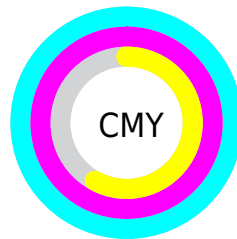
- Red (0%)
- Green (1%)
- Blue (42%)



- Red (0%)
- Yellow (1%)
- Blue (42%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (99%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00036B 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 00036B by changing the saturation by 10% instead.

 00036B

 00036B

 FFE8FF

 000052

 4B31A0

 00053A

 6749BB

 000223

 8362D7

 00000B

 A07BF4

 000000

 BC95FF

 D9B0FF

 F7CCFF

 00036B

■ 0B0D6B

■ 15186B

■ 20226B

■ 2B2D6B

■ 36376B

■ 40416B

■ 4B4C6B

■ 56566B

■ 60616B

Harmonies

Analogous

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



00237E



00036B



540043

Triad

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



00036B



400200



002924

Complementary

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



00036B



6B6800

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



00036B



1C1D00

Square

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



00036B



590000



002700



002B53

Rectangle

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



00036B



610025



002700



002813

Sweetspot

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



00036B



62638C



006B67



2E2E47



C7C7C7



474747

Same Dimension

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



00036B



00048C



32006B



303036



000375



0007F5

Inverse Universe

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



6B0003



8C0004



396B00



363030



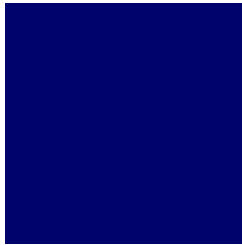
750003



F50007

Previews

White Background



This preview shows how the Hex color 00036B looks on a white background.

Color Contrast Check

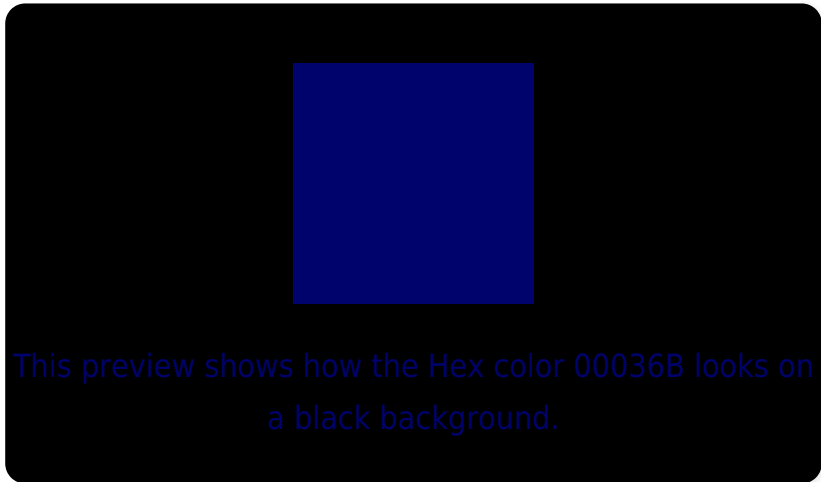
Large Text (above 18pt) WCAG AA ✓ Pass

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

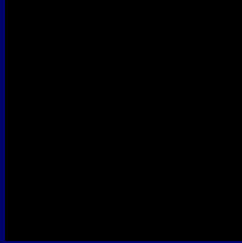
Any Text WCAG AA × Fail

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 00036B Background



This preview shows how black text looks on a background with the Hex color 00036B.



This preview shows how white text looks on a background with the Hex color 00036B.

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
00036B

Protanopia
001F42

Deuteranopia
002138

Trichromacy



Original Color
00036B

Protanomaly
001551

Deuteranomaly
00164B

Tritanomaly
00183F

Monochromacy



Original Color
00036B

Achromatopsia
0E0E0E

Achromatomaly
090A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 00036B 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 #00036B looks like.

```
.text, #text, p{  
    color:#00036B  
}
```

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 #00036B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00036B
}
```

Border

The CSS property to change the border of an element to Hex 00036B 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
#00036B }
```

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

```
.border{ border-color:#00036B }
```

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

Here you see how a box with a 4 pixel #00036B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00036B; -webkit-box-shadow:4px 4px  
4px 4px #00036B; box-shadow:4px 4px 4px  
4px #00036B }
```

Background

The CSS property to change the background color of an element to Hex 00036B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00036B }
```

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

```
.background{ background-color:#00036B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor