

Converting Colors

Hex(36006B)

Have a look what the booklet for
Hex(36006B) contains.

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Color

Hex(36006B)

Conversions

Conversions Part 1

Format	Color
Hex	36006B
RGB	54, 0, 107
RGB Percent	21%, 0%, 42%
CMY	0.7882, 1.0000, 0.5804
CMYK	0.50, 1.00, 0.00, 0.58
HSL	270°, 100%, 21%
HSV	270°, 100%, 42%
XYZ	4.1752, 1.8458, 14.0461
YIQ	28.3440, -2.1630, 44.7250

Conversions

Conversions Part 2

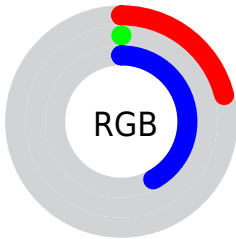
Format	Color
RYB	54, 0, 107
Decimal	3539051
CIELab	14.66, 44.28, -48.20
CIElCh	15, 65.453, 312.573
Yxy	1.8458, 0.2081, 0.0920
Android (android.graphics.Color)	4281729131 (0xFF36006B)
YUV	28.3440, 38.7774, 22.5003
Hunter-Lab	13.5860, 31.0797, -51.7876

Details

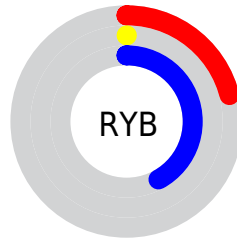
The Hex color **36006B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **356B00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6C369F**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **36006B**, and if you desaturate by 10%, it is **3B0B6B**.

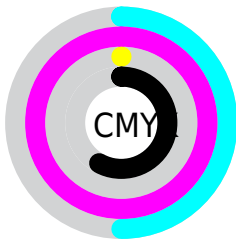
Distribution



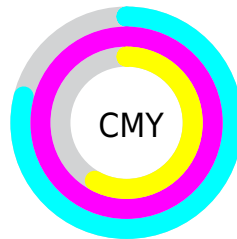
- Red (21%)
- Green (0%)
- Blue (42%)



- Red (21%)
- Yellow (0%)
- Blue (42%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36006B 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 36006B by changing the saturation by 10% instead.

 36006B

 36006B

 FFF1FF

 1A0052

 6C369F

 00003A

 874FBB

 000224

 A368D7

 00000B

 BF82F4

 000000

 DC9DFF

 F9B8FF

 FFD5FF

 36006B

 3B0B6B

 41156B

 46206B

 4B2B6B

 51366B

 56406B

 5B4B6B

 60566B

 66606B

Harmonies

Analogous

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



002783



36006B



640042

Triad

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



36006B



441800



003638

Complementary

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



36006B



356B00

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.



003401



36006B



1D2900

Square

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



36006B



600000



003100



003664

Rectangle

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



36006B



6D0024



003100



003528

Sweetspot

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



36006B



77628C



00366B



3B2E47



C7C7C7



474747

Same Dimension

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



36006B



47008C



6B006B



333036



3B0075



7C00F5

Inverse Universe

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



6B0035



8C0045



006B00



363033



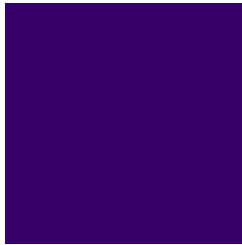
75003A



F50079

Previews

White Background



This preview shows how the Hex color 36006B looks on a white background.

Color Contrast Check

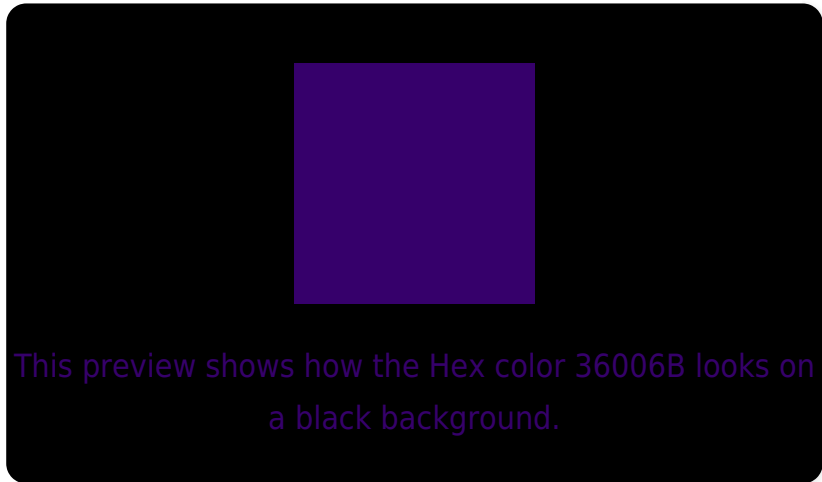
Large Text (above 18pt) WCAG AA ✓ Pass

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

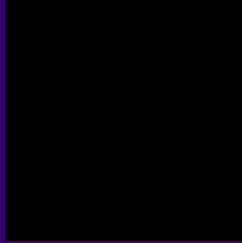
Any Text WCAG AA × Fail

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 36006B Background



This preview shows how black text looks on a background with the Hex color 36006B.



This preview shows how white text looks on a background with the Hex color 36006B.

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
36006B

Protanopia
002853

Deuteranopia
002A47

Trichromacy



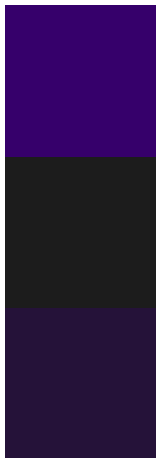
Original Color
36006B

Protanomaly
14195C

Deuteranomaly
141B54

Tritanomaly
2B1B44

Monochromacy



Original Color
36006B

Achromatopsia
1C1C1C

Achromatomaly
251239

CSS Examples

Text

The CSS property to change the color of the text to Hex 36006B 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 #36006B looks like.

```
.text, #text, p{  
    color:#36006B  
}
```

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 #36006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36006B
}
```

Border

The CSS property to change the border of an element to Hex 36006B is called "border". The border property can be set on classes, ids or directly on the HTML element.

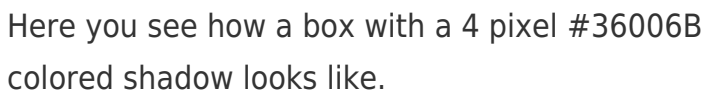
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36006B }
```

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

```
.border{ border-color:#36006B }
```

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



Here you see how a box with a 4 pixel `#36006B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36006B; -webkit-box-shadow:4px 4px  
4px 4px #36006B; box-shadow:4px 4px 4px  
4px #36006B }
```

Background

The CSS property to change the background color of an element to Hex 36006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36006B }
```

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

```
.background{ background-color:#36006B }
```

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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