

Converting Colors

Hex(3D006B)

Have a look what the booklet for
Hex(3D006B) contains.

Hex(3D006B)	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(3D006B)

Conversions

Conversions Part 1

Format	Color
Hex	3D006B
RGB	61, 0, 107
RGB Percent	24%, 0%, 42%
CMY	0.7608, 1.0000, 0.5804
CMYK	0.43, 1.00, 0.00, 0.58
HSL	274°, 100%, 21%
HSV	274°, 100%, 42%
XYZ	4.5783, 2.0536, 14.0650
YIQ	30.4370, 2.0090, 46.2090

Conversions

Conversions Part 2

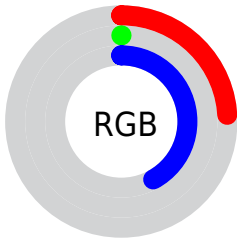
Format	Color
RYB	61, 0, 107
Decimal	3997803
CIELab	15.77, 45.00, -46.33
CIElCh	16, 64.589, 314.165
Yxy	2.0536, 0.2212, 0.0992
Android (android.graphics.Color)	4282187883 (0xFF3D006B)
YUV	30.4370, 37.7456, 26.8038
Hunter-Lab	14.3305, 31.9487, -48.1601

Details

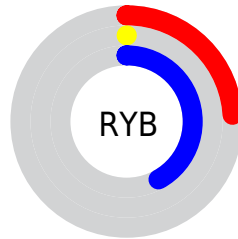
The Hex color **3D006B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E6B00**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **72379F**, and **04003A** is the 20% darker color. If you saturate the color by 10%, you get **3D006B**, and if you desaturate by 10%, it is **420B6B**.

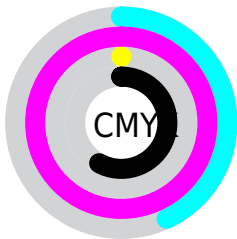
Distribution



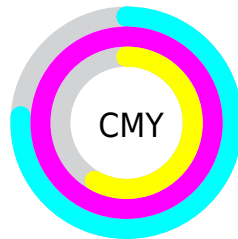
- Red (24%)
- Green (0%)
- Blue (42%)



- Red (24%)
- Yellow (0%)
- Blue (42%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D006B 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 3D006B by changing the saturation by 10% instead.

 3D006B

 3D006B

 FFF4FF

 220052

 72379F

 04003A

 8E50BB

 000224

 A96AD7

 00000B

 C684F4

 000000

 E39FFF

 FFBBFF

 FFD7FF

 3D006B

■ 420B6B

■ 46156B

■ 4B206B

■ 4F2B6B

■ 54366B

■ 59406B

■ 5D4B6B

■ 62566B

■ 66606B

Harmonies

Analogous

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



002884



3D006B



680042

Triad

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



3D006B



451C00



00383D

Complementary

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



3D006B



2E6B00

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.



00360A



3D006B



1D2C00

Square

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



3D006B



610000



003300



003868

Rectangle

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



3D006B



700024



003300



00382D

Sweetspot

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



3D006B



7A628C



002E6B



3C2E47



C7C7C7



474747

Same Dimension

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



3D006B



50008C



6B0064



333036



430075



8C00F5

Inverse Universe

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



6B002E



8C003C



006B07



363032



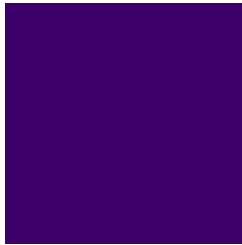
750032



F50069

Previews

White Background



This preview shows how the Hex color 3D006B looks on a white background.

Color Contrast Check

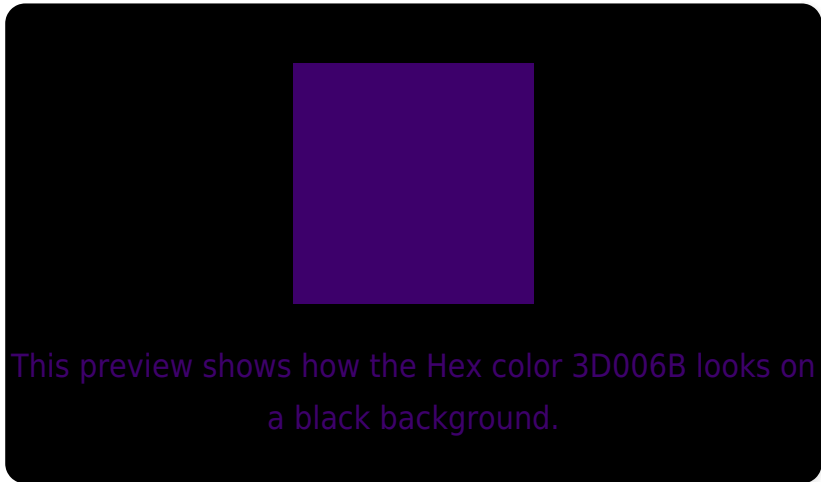
Large Text (above 18pt) WCAG AA ✓ Pass

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

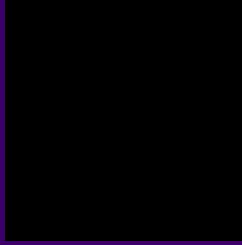
Any Text WCAG AA × Fail

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 3D006B Background



This preview shows how black text looks on a background with the Hex color 3D006B.



This preview shows how white text looks on a background with the Hex color 3D006B.

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
3D006B

Protanopia
002A58

Deuteranopia
002D4B

Trichromacy



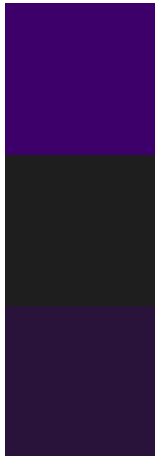
Original Color
3D006B

Protanomaly
161B5F

Deuteranomaly
161D57

Tritanomaly
341B44

Monochromacy



Original Color
3D006B

Achromatopsia
1E1E1E

Achromatomaly
29133A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D006B 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 #3D006B looks like.

```
.text, #text, p{  
    color:#3D006B  
}
```

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 #3D006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D006B
}
```

Border

The CSS property to change the border of an element to Hex 3D006B is called "border". The border property can be set on classes, ids or directly on the HTML element.

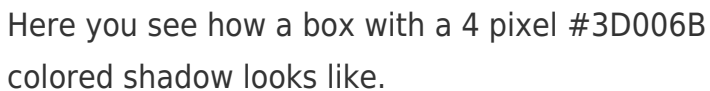
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D006B }
```

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

```
.border{ border-color:#3D006B }
```

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



Here you see how a box with a 4 pixel #3D006B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D006B; -webkit-box-shadow:4px 4px  
4px 4px #3D006B; box-shadow:4px 4px 4px  
4px #3D006B }
```

Background

The CSS property to change the background color of an element to Hex 3D006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D006B }
```

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

```
.background{ background-color:#3D006B }
```

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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