

Converting Colors

Hex(000766)

Have a look what the booklet for
Hex(000766) contains.

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Color

Hex(000766)

Conversions

Conversions Part 1

Format	Color
Hex	000766
RGB	0, 7, 102
RGB Percent	0%, 3%, 40%
CMY	1.0000, 0.9725, 0.6000
CMYK	1.00, 0.93, 0.00, 0.60
HSL	236°, 100%, 20%
HSV	236°, 100%, 40%
XYZ	2.4743, 1.1113, 12.6545
YIQ	15.7370, -34.6670, 28.0610

Conversions

Conversions Part 2

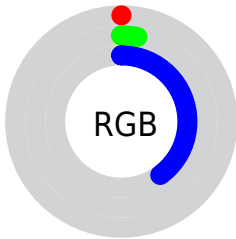
Format	Color
RYB	0, 7, 102
Decimal	1894
CIELab	9.89, 36.61, -52.97
CIELCh	10, 64.390, 304.648
Yxy	1.1113, 0.1524, 0.0684
Android (android.graphics.Color)	4278191974 (0xFF000766)
YUV	15.7370, 42.5277, -13.8013
Hunter-Lab	10.5417, 23.4481, -63.7939

Details

The Hex color **000766** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **665F00**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **49349A**, and **000535** is the 20% darker color. If you saturate the color by 10%, you get **000766**, and if you desaturate by 10%, it is **0A1066**.

Distribution



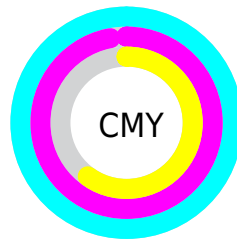
- Red (0%)
- Green (3%)
- Blue (40%)



- Red (0%)
- Yellow (3%)
- Blue (40%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 000766 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 000766 by changing the saturation by 10% instead.

000766

000766

FFEAFF

00004D

49349A

000535

644BB6

00021F

8064D2

000003

9C7DEE

000000

B997FF

D6B2FF

F3CEFF

000766

■ 0A1066

■ 141A66

■ 1F2366

■ 292D66

■ 333666

■ 3D4066

■ 474A66

■ 525366

■ 5C5D66

Harmonies

Analogous

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



002277



000766



4F0042

Triad

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



000766



3F0300



002821

Complementary

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



000766



665F00

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



000766



1D1D00

Square

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



000766



560000



002600



002B4D

Rectangle

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



000766



5C0025



002600



002812

Sweetspot

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



000766



5D6085



00665E



2A2C42



C2C2C2



424242

Same Dimension

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



000766



000985



2B0066



2E2E33



000873



0011F2

Inverse Universe

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



660007



850009



3C6600



332E2E



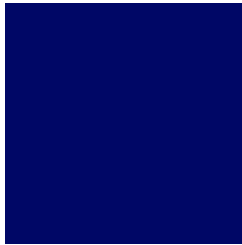
730008



F20011

Previews

White Background



This preview shows how the Hex color 000766 looks on a white background.

Color Contrast Check

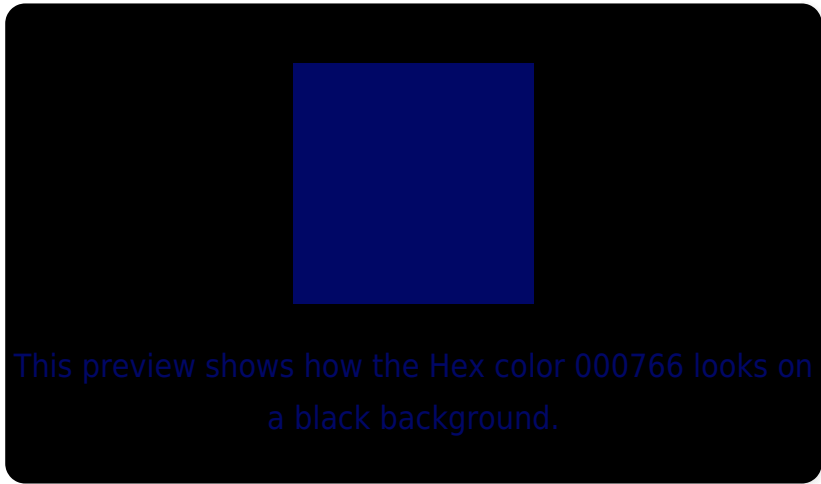
Large Text (above 18pt) WCAG AA ✓ Pass

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

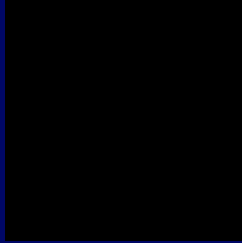
Any Text WCAG AA × Fail

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 000766 Background



This preview shows how black text looks on a background with the Hex color 000766.



This preview shows how white text looks on a background with the Hex color 000766.

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
000766

Protanopia
001E3F

Deuteranopia
002036

Trichromacy



Original Color
000766

Protanomaly
00164D

Deuteranomaly
001747

Tritanomaly
00193C

Monochromacy



Original Color
000766

Achromatopsia
101010

Achromatomaly
0A0D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 000766 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 #000766 looks like.

```
.text, #text, p{  
    color:#000766  
}
```

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 #000766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000766
}
```

Border

The CSS property to change the border of an element to Hex 000766 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
#000766 }
```

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

```
.border{ border-color:#000766 }
```

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

Here you see how a box with a 4 pixel #000766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000766; -webkit-box-shadow:4px 4px  
4px 4px #000766; box-shadow:4px 4px 4px  
4px #000766 }
```

Background

The CSS property to change the background color of an element to Hex 000766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000766 }
```

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

```
.background{ background-color:#000766 }
```

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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