

# Converting Colors

Hex(060067)

Have a look what the booklet for  
Hex(060067) contains.

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# Color

**Hex(060067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	060067
RGB	6, 0, 103
RGB Percent	2%, 0%, 40%
CMY	0.9765, 1.0000, 0.5961
CMYK	0.94, 1.00, 0.00, 0.60
HSL	243°, 100%, 20%
HSV	243°, 100%, 40%
XYZ	2.5233, 1.0180, 12.8955
YIQ	13.5360, -29.4870, 33.3050

# Conversions

## Conversions Part 2

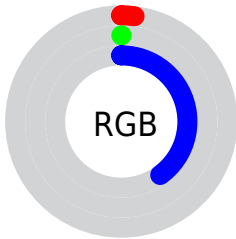
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 0, 103
Decimal	393319
CIELab	9.14, 40.79, -54.87
CIElCh	9, 68.375, 306.629
Yxy	1.0180, 0.1535, 0.0619
Android (android.graphics.Color)	4278583399 (0xFF060067)
YUV	13.5360, 44.1058, -6.6091
Hunter-Lab	10.0896, 26.9842, -68.7159

# Details

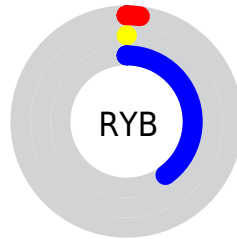
The Hex color **060067** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **616700**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **4C2E9B**, and **000536** is the 20% darker color. If you saturate the color by 10%, you get **060067**, and if you desaturate by 10%, it is **100A67**.

# Distribution



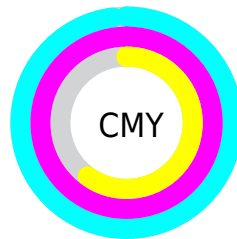
- Red (2%)
- Green (0%)
- Blue (40%)



- Red (2%)
- Yellow (0%)
- Blue (40%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 060067 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 060067 by changing the saturation by 10% instead.



 060067

 060067

 FFE5FF

 00004E

 4C2E9B

 000536

 6846B7

 000220

 845FD3

 000004

 A078F0

 000000

 BD92FF

 DAADFF

 F7C9FF

 060067

■ 100A67

■ 191567

■ 231F67

■ 2D2967

■ 373467

■ 403E67

■ 4A4867

■ 545267

■ 5D5D67

# Harmonies

## Analogous

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



00217B



060067



52003F

# Triad

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



060067



3C0300



002724

# Complementary

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



060067



616700

# 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.



002600



060067



181C00

# Square

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



060067



550000



002600



002952

# Rectangle

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



060067



5E0021



002600



002613



# Sweetspot

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



060067



615F87



006267



2E2C45



C4C4C4



454545



# Same Dimension

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



060067



080087



390067



2E2E33



070073



0E00F2



# Inverse Universe

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



670061



87007F



2E6700



332E33



73006C

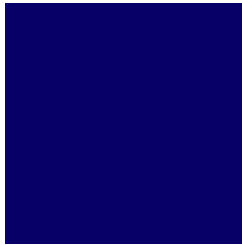


F200E4



# Previews

## White Background



This preview shows how the Hex color 060067 looks on a white background.

## Color Contrast Check

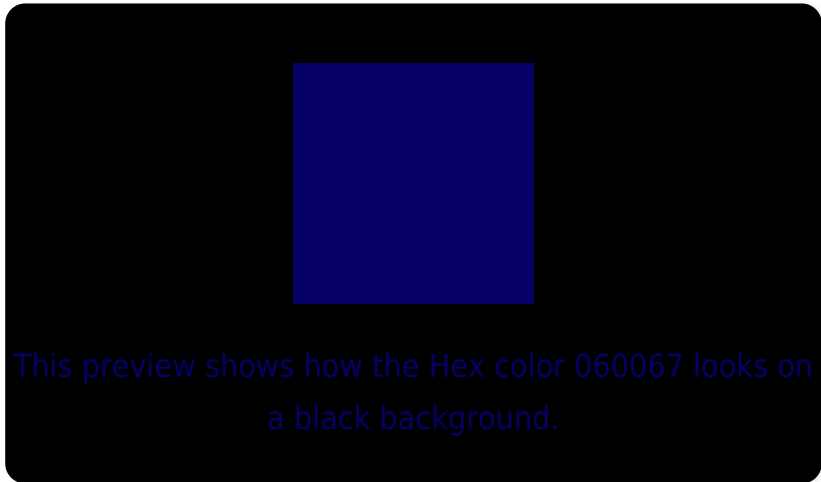
Large Text (above 18pt) WCAG AA ✓ Pass

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

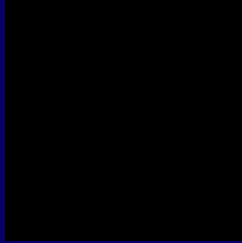
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 060067 Background



This preview shows how black text looks on a background with the Hex color 060067.



This preview shows how white text looks on a background with the Hex color 060067.

# 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**  
060067

**Protanopia**  
001E3F

**Deuteranopia**  
002036



# Trichromacy



**Original Color**  
060067

**Protanomaly**  
02134E

**Deuteranomaly**  
021448

**Tritanomaly**  
02163C

# Monochromacy



**Original Color**  
060067

**Achromatopsia**  
0E0E0E

**Achromatomaly**  
0B092E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 060067 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 #060067 looks like.

```
.text, #text, p{  
    color:#060067  
}
```

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 #060067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #060067
}
```

## Border

The CSS property to change the border of an element to Hex 060067 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
#060067 }
```

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

```
.border{ border-color:#060067 }
```

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

Here you see how a box with a 4 pixel #060067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #060067; -webkit-box-shadow:4px 4px  
4px 4px #060067; box-shadow:4px 4px 4px  
4px #060067 }
```

# Background

The CSS property to change the background color of an element to Hex 060067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#060067 }
```

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

```
.background{ background-color:#060067 }
```

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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