

Converting Colors

Hex(060033)

Have a look what the booklet for
Hex(060033) contains.

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Color

Hex(060033)

Conversions

Conversions Part 1

Format	Color
Hex	060033
RGB	6, 0, 51
RGB Percent	2%, 0%, 20%
CMY	0.9765, 1.0000, 0.8000
CMYK	0.88, 1.00, 0.00, 0.80
HSL	247°, 100%, 10%
HSV	247°, 100%, 20%
XYZ	0.6726, 0.2777, 3.1501
YIQ	7.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

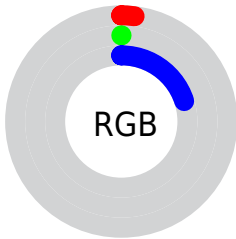
Format	Color
RYB	6, 0, 51
Decimal	393267
CIELab	2.51, 16.74, -29.49
CIElCh	3, 33.907, 299.586
Yxy	0.2777, 0.1640, 0.0677
Android (android.graphics.Color)	4278583347 (0xFF060033)
YUV	7.6080, 21.3923, -1.4102
Hunter-Lab	5.2701, 13.5604, -31.7510

Details

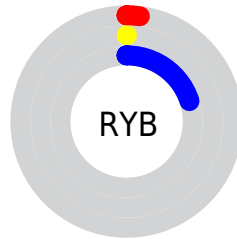
The Hex color **060033** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2D3300**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **342F62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **060033**, and if you desaturate by 10%, it is **0A0533**.

Distribution



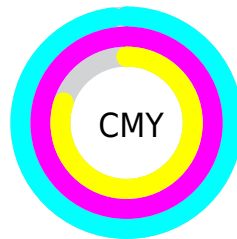
- Red (2%)
- Green (0%)
- Blue (20%)



- Red (2%)
- Yellow (0%)
- Blue (20%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 060033 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 060033 by changing the saturation by 10% instead.

060033

060033

EEE1FF

00021D

342F62

000000

4C467B

665D95

7F76B0

9A90CB

B5AAE8

D1C5FF

060033

■ 0A0533

■ 0F0A33

■ 130F33

■ 181433

■ 1C1A33

■ 211F33

■ 252433

■ 2A2933

■ 2F2E33

Harmonies

Analogous

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



000E39



060033



260023

Triad

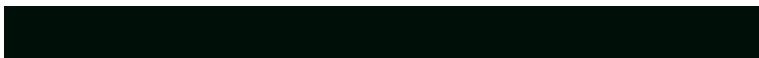
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



060033



240000



001008

Complementary

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



060033



2D3300

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.



001000



060033



0E0900

Square

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



060033



2F0000



001000



001222

Rectangle

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



060033



2E0016



001000

Sweetspot

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



060033



312E42



002D33



171521



A1A1A1



212121

Same Dimension

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



060033



080042



1F0033



17171A



0A0059



1900D9

Inverse Universe

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



33002D



42003B



143300



1A1719



59004F



D900BF

Previews

White Background



This preview shows how the Hex color 060033 looks on a white background.

Color Contrast Check

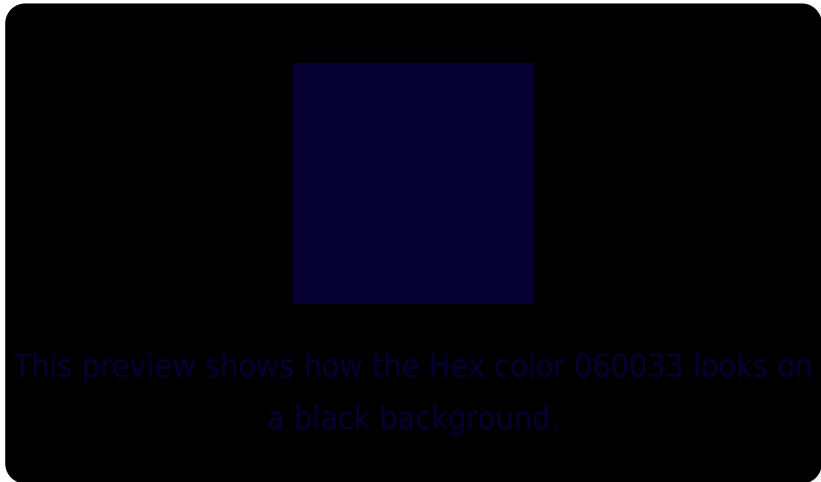
Large Text (above 18pt) WCAG AA ✓ Pass

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

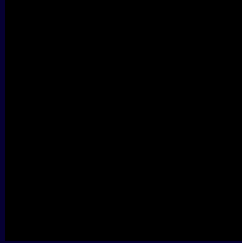
Any Text WCAG AA × Fail

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 060033 Background



This preview shows how black text looks on a background with the Hex color 060033.



This preview shows how white text looks on a background with the Hex color 060033.

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
060033

Protanopia
000F20

Deuteranopia
00101B



Tritanopia
001112

Trichromacy



Original Color
060033

Protanomaly
020A27

Deuteranomaly
020A24

Tritanomaly
020B1E

Monochromacy



Original Color
060033

Achromatopsia
080808

Achromatomaly
070518

CSS Examples

Text

The CSS property to change the color of the text to Hex 060033 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 #060033 looks like.

```
.text, #text, p{  
    color:#060033  
}
```

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 #060033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #060033
}
```

Border

The CSS property to change the border of an element to Hex 060033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

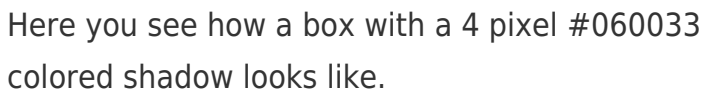
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#060033 }
```

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

```
.border{ border-color:#060033 }
```

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



Here you see how a box with a 4 pixel #060033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #060033; -webkit-box-shadow:4px 4px  
4px 4px #060033; box-shadow:4px 4px 4px  
4px #060033 }
```

Background

The CSS property to change the background color of an element to Hex 060033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#060033 }
```

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

```
.background{ background-color:#060033 }
```

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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