

Converting Colors

Hex(060036)

Have a look what the booklet for
Hex(060036) contains.

Hex(060036)	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(060036)

Conversions

Conversions Part 1

Format	Color
Hex	060036
RGB	6, 0, 54
RGB Percent	2%, 0%, 21%
CMY	0.9765, 1.0000, 0.7882
CMYK	0.89, 1.00, 0.00, 0.79
HSL	247°, 100%, 11%
HSV	247°, 100%, 21%
XYZ	0.7410, 0.3051, 3.5099
YIQ	7.9500, -13.7580, 18.0660

Conversions

Conversions Part 2

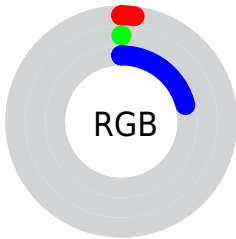
Format	Color
RYB	6, 0, 54
Decimal	393270
CIELab	2.76, 18.48, -31.31
CIELCh	3, 36.358, 300.540
Yxy	0.3051, 0.1626, 0.0670
Android (android.graphics.Color)	4278583350 (0xFF060036)
YUV	7.9500, 22.7026, -1.7102
Hunter-Lab	5.5232, 14.2808, -33.8109

Details

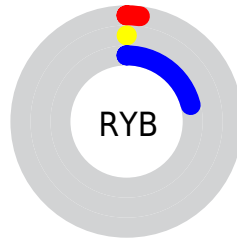
The Hex color **060036** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **303600**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **352F65**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **060036**, and if you desaturate by 10%, it is **0B0536**.

Distribution



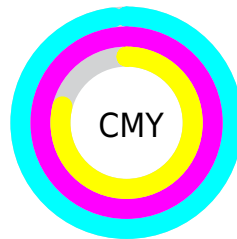
- Red (2%)
- Green (0%)
- Blue (21%)



- Red (2%)
- Yellow (0%)
- Blue (21%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (79%)



- Cyan (98%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 060036 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 060036 by changing the saturation by 10% instead.

 060036

 060036

 F0E1FF

 000220


 352F65

 000004

 4E457F

 000000

 675D99

 8176B4

 9C8FCF

 B7AAEC

 D3C5FF

 060036

■ 0B0536

■ 100B36

■ 141036

■ 191636

■ 1E1B36

■ 232036

■ 282636

■ 2C2B36

■ 313136

Harmonies

Analogous

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



000F3D



060036



290025

Triad

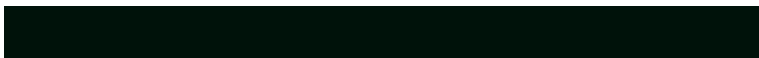
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



060036



250000



00120A

Complementary

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



060036



303600

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.



001100



060036



0E0A00

Square

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



060036



300000



001100



001325

Rectangle

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



060036



310016



001100

Sweetspot

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



060036



343247



003136



181724



A3A3A3



242424

Same Dimension

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



060036



080047



200036



1A191C



0A005C



1800DB

Inverse Universe

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



360030



47003F



163600



1C191C



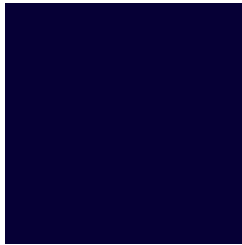
5C0052



DB00C3

Previews

White Background



This preview shows how the Hex color 060036 looks on a white background.

Color Contrast Check

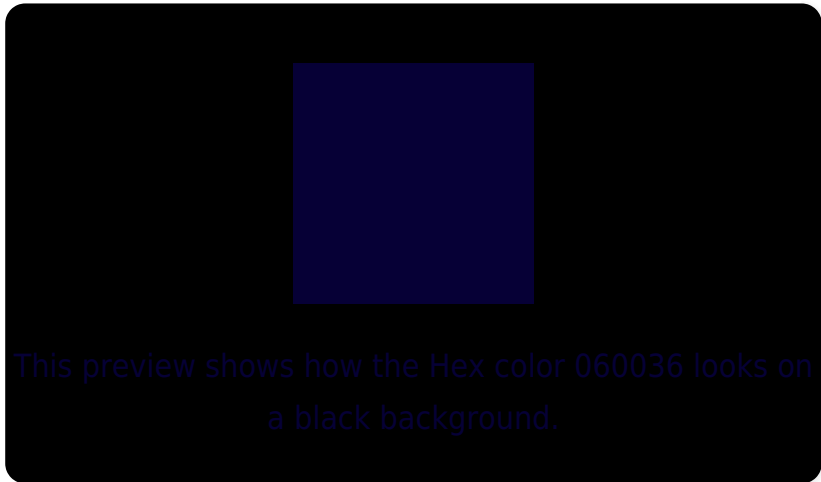
Large Text (above 18pt) WCAG AA ✓ Pass

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

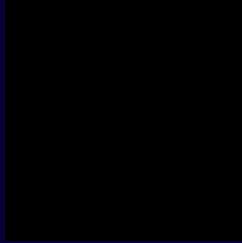
Any Text WCAG AA × Fail

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 060036 Background



This preview shows how black text looks on a background with the Hex color 060036.



This preview shows how white text looks on a background with the Hex color 060036.

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
060036

Protanopia
001021

Deuteranopia
00111C



Tritanopia
001213

Trichromacy



Original Color
060036

Protanomaly
020A29

Deuteranomaly
020B25

Tritanomaly
020B20

Monochromacy



Original Color
060036

Achromatopsia
080808

Achromatomaly
070519

CSS Examples

Text

The CSS property to change the color of the text to Hex 060036 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 #060036 looks like.

```
.text, #text, p{  
    color:#060036  
}
```

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 #060036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #060036
}
```

Border

The CSS property to change the border of an element to Hex 060036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

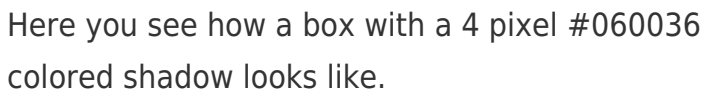
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#060036 }
```

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

```
.border{ border-color:#060036 }
```

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



Here you see how a box with a 4 pixel #060036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #060036; -webkit-box-shadow:4px 4px  
4px 4px #060036; box-shadow:4px 4px 4px  
4px #060036 }
```

Background

The CSS property to change the background color of an element to Hex 060036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#060036 }
```

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

```
.background{ background-color:#060036 }
```

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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