

Converting Colors

Hex(36003C)

Have a look what the booklet for
Hex(36003C) contains.

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Color

Hex(36003C)

Conversions

Conversions Part 1

Format	Color
Hex	36003C
RGB	54, 0, 60
RGB Percent	21%, 0%, 24%
CMY	0.7882, 1.0000, 0.7647
CMYK	0.10, 1.00, 0.00, 0.76
HSL	294°, 100%, 12%
HSV	294°, 100%, 24%
XYZ	2.3369, 1.1105, 4.3661
YIQ	22.9860, 12.9240, 30.1080

Conversions

Conversions Part 2

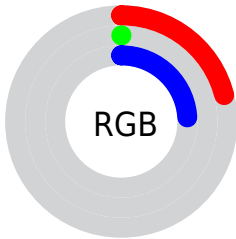
Format	Color
R_{YB}	54, 0, 60
Decimal	3539004
CIE Lab	9.88, 33.84, -23.83
CIE LCh	10, 41.391, 324.841
Yxy	1.1105, 0.2991, 0.1421
Android (android.graphics.Color)	4281729084 (0xFF36003C)
YUV	22.9860, 18.2479, 27.1993
Hunter-Lab	10.5381, 21.1426, -17.1884

Details

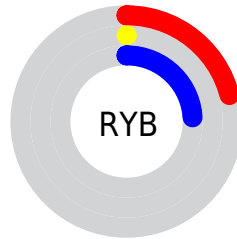
The Hex color **36003C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **063C00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **67316C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **36003C**, and if you desaturate by 10%, it is **37063C**.

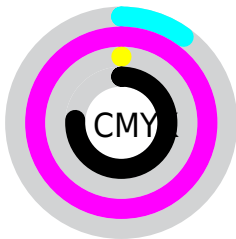
Distribution



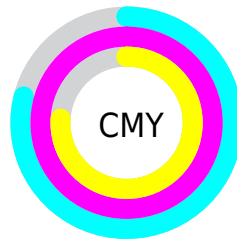
- Red (21%)
- Green (0%)
- Blue (24%)



- Red (21%)
- Yellow (0%)
- Blue (24%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



- Cyan (79%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36003C 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 36003C by changing the saturation by 10% instead.

 36003C

 36003C

 FFE9FF

 240026

 67316C

 00010F

 814985

 000000

 9C62A0

 B87BBB

 D496D6

 F0B1F3

 FFCDFD

 36003C

■ 37063C

■ 370C3C

■ 38123C

■ 38183C

■ 391E3C

■ 3A243C

■ 3A2A3C

■ 3B303C

■ 3B363C

Harmonies

Analogous

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



00164F



36003C



470021

Triad

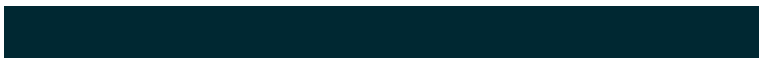
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36003C



271900



002832

Complementary

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



36003C



063C00

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.



002815



36003C



092100

Square

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



36003C



3B0800



002500



002649

Rectangle

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



36003C



49000D



002500



002829

Sweetspot

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



36003C



4D374F



00063C



271A29



A8A8A8



292929

Same Dimension

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



36003C



47004F



3C0024



1E1C1F



55005E



C800DE

Inverse Universe

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



3C0006



4F0008



003C18



1F1C1C



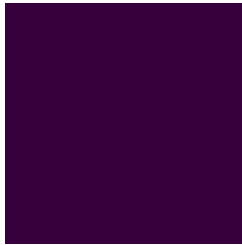
5E0009



DE0016

Previews

White Background



This preview shows how the Hex color 36003C looks on a white background.

Color Contrast Check

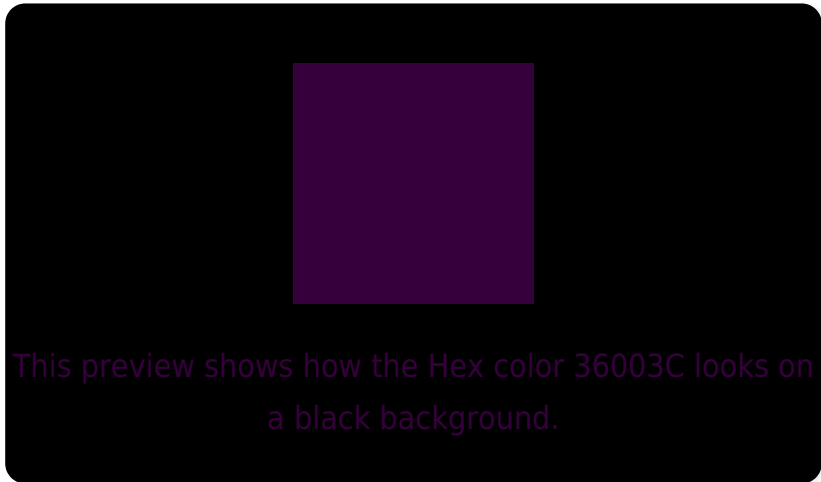
Large Text (above 18pt) WCAG AA ✓ Pass

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

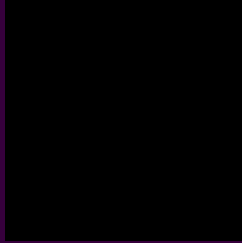
Any Text WCAG AA × Fail

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 36003C Background



This preview shows how black text looks on a background with the Hex color 36003C.



This preview shows how white text looks on a background with the Hex color 36003C.

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
36003C

Protanopia
001F41

Deuteranopia
0A2038



Tritanopia
321819

Trichromacy



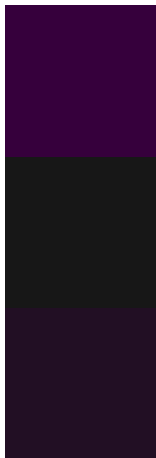
Original Color
36003C

Protanomaly
14143F

Deuteranomaly
1A1439

Tritanomaly
330F26

Monochromacy



Original Color
36003C

Achromatopsia
171717

Achromatomaly
220F24

CSS Examples

Text

The CSS property to change the color of the text to Hex 36003C 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 #36003C looks like.

```
.text, #text, p{  
    color:#36003C  
}
```

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 #36003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36003C
}
```

Border

The CSS property to change the border of an element to Hex 36003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

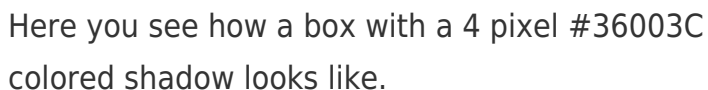
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36003C }
```

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

```
.border{ border-color:#36003C }
```

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



Here you see how a box with a 4 pixel #36003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36003C; -webkit-box-shadow:4px 4px  
4px 4px #36003C; box-shadow:4px 4px 4px  
4px #36003C }
```

Background

The CSS property to change the background color of an element to Hex 36003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36003C }
```

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

```
.background{ background-color:#36003C }
```

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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