

# Converting Colors

Hex(38006F)

Have a look what the booklet for  
Hex(38006F) contains.

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# Color

**Hex(38006F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38006F
RGB	56, 0, 111
RGB Percent	22%, 0%, 44%
CMY	0.7804, 1.0000, 0.5647
CMYK	0.50, 1.00, 0.00, 0.56
HSL	270°, 100%, 22%
HSV	270°, 100%, 44%
XYZ	4.5001, 1.9885, 15.1856
YIQ	29.3980, -2.2550, 46.3930

# Conversions

## Conversions Part 2

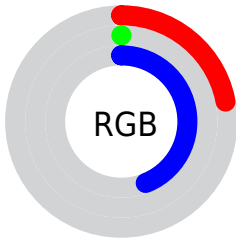
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 0, 111
Decimal	3670127
CIE <sub>Lab</sub>	15.43, 45.42, -49.53
CIE <sub>LCh</sub>	15, 67.209, 312.522
Yxy	1.9885, 0.2076, 0.0917
Android (android.graphics.Color)	4281860207 (0xFF38006F)
YUV	29.3980, 40.2298, 23.3300
Hunter-Lab	14.1012, 32.2875, -53.9782

# Details

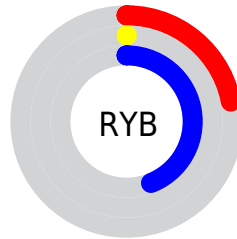
The Hex color **38006F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **376F00**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6E37A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **38006F**, and if you desaturate by 10%, it is **3E0B6F**.

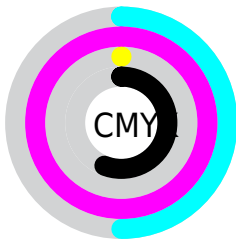
# Distribution



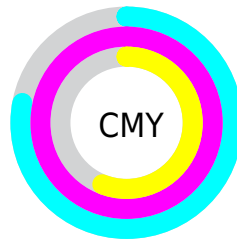
- Red (22%)
- Green (0%)
- Blue (44%)



- Red (22%)
- Yellow (0%)
- Blue (44%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (78%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38006F 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 38006F by changing the saturation by 10% instead.



 38006F

 38006F

 FFF3FF

 1C0056

 6E37A4

 00003E

 8A50BF

 000327

 A569DB

 000110

 C283F8

 000000

 DF9EFF

 FCBAFF

 FFD6FF

 38006F

■ 3E0B6F

■ 43166F

■ 49216F

■ 4E2C6F

■ 54386F

■ 59436F

■ 5F4E6F

■ 64596F

■ 6A646F

# Harmonies

## Analogous

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



002988



38006F



680044

# Triad

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



38006F



471900



00383A

# Complementary

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



38006F



376F00

# 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.



003602



38006F



1E2B00

# Square

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



38006F



630000



003200



003768

# Rectangle

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



38006F



710025



003200



00372A



# Sweetspot

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



38006F



7C6691



00386F



3D2F4A



C9C9C9



4A4A4A



# Same Dimension

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



38006F



490091



6F006F



353238



3C0078



7D00F7



# Inverse Universe

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



6F0037



910048



006F00



383235



78003B

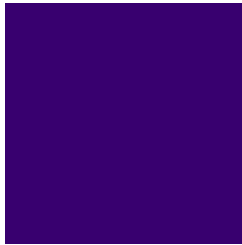


F7007B



# Previews

## White Background



This preview shows how the Hex color 38006F looks on a white background.

## Color Contrast Check

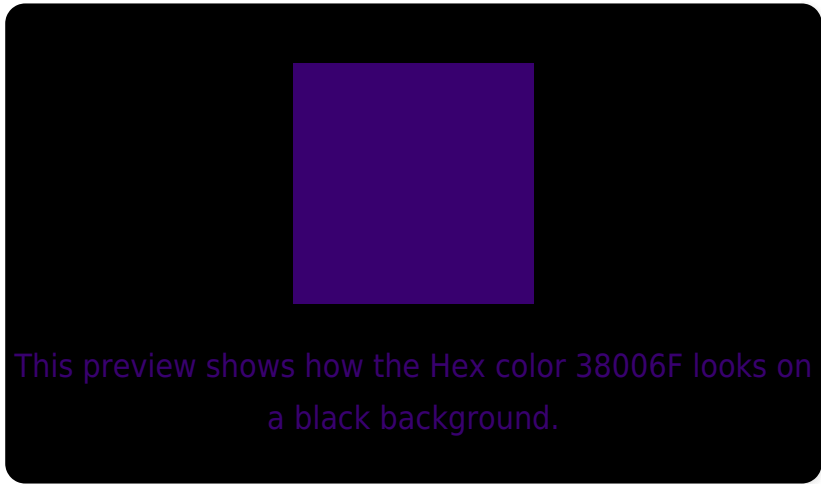
Large Text (above 18pt) WCAG AA ✓ Pass

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

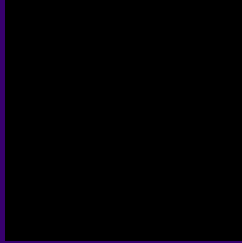
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38006F Background



This preview shows how black text looks on a background with the Hex color 38006F.

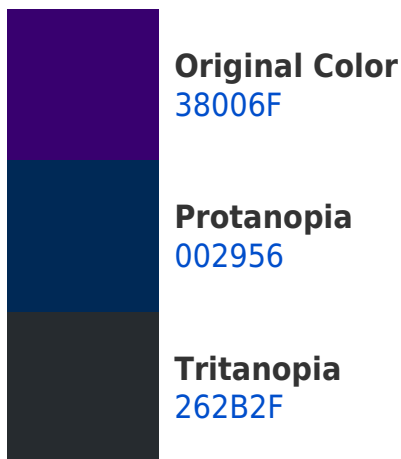


This preview shows how white text looks on a background with the Hex color 38006F.

# 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



# Trichromacy

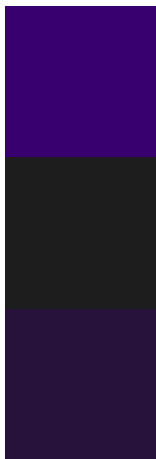


**Original Color**  
38006F

**Protanomaly**  
141A5F

**Tritanomaly**  
2D1B46

# Monochromacy



**Original Color**  
38006F

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
27123B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38006F 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 #38006F looks like.

```
.text, #text, p{  
    color:#38006F  
}
```

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 #38006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38006F
}
```

## Border

The CSS property to change the border of an element to Hex 38006F is called "border". The border property can be set on classes, ids or directly on the HTML element.

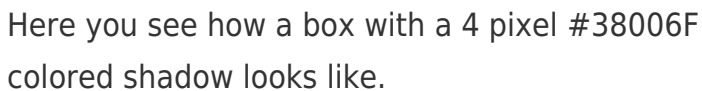
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38006F }
```

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

```
.border{ border-color:#38006F }
```

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



Here you see how a box with a 4 pixel #38006F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38006F; -webkit-box-shadow:4px 4px  
4px 4px #38006F; box-shadow:4px 4px 4px  
4px #38006F }
```

# Background

The CSS property to change the background color of an element to Hex 38006F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38006F }
```

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

```
.background{ background-color:#38006F }
```

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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