

Converting Colors

Hex(38006A)

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

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Color

Hex(38006A)

Conversions

Conversions Part 1

Format	Color
Hex	38006A
RGB	56, 0, 106
RGB Percent	22%, 0%, 42%
CMY	0.7804, 1.0000, 0.5843
CMYK	0.47, 1.00, 0.00, 0.58
HSL	272°, 100%, 21%
HSV	272°, 100%, 42%
XYZ	4.2324, 1.8814, 13.7757
YIQ	28.8280, -0.6500, 44.8380

Conversions

Conversions Part 2

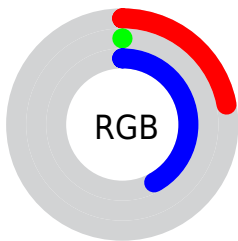
Format	Color
RYB	56, 0, 106
Decimal	3670122
CIELab	14.85, 44.24, -47.21
CIELCh	15, 64.700, 313.140
Yxy	1.8814, 0.2128, 0.0946
Android (android.graphics.Color)	4281860202 (0xFF38006A)
YUV	28.8280, 38.0458, 23.8298
Hunter-Lab	13.7163, 31.0760, -49.9457

Details

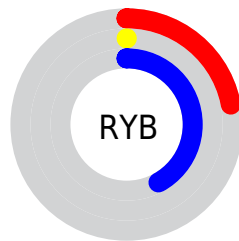
The Hex color **38006A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **326A00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6D369E**, and **000039** is the 20% darker color. If you saturate the color by 10%, you get **38006A**, and if you desaturate by 10%, it is **3D0B6A**.

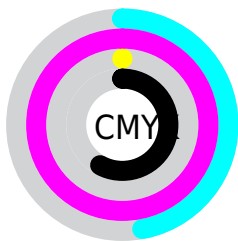
Distribution



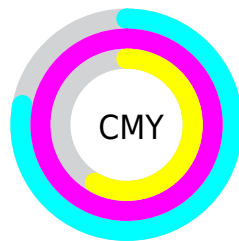
- Red (22%)
- Green (0%)
- Blue (42%)



- Red (22%)
- Yellow (0%)
- Blue (42%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

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

 38006A

 38006A

 FFF2FF

 1D0051

 6D369E

 000039

 894FBA

 000223

 A469D6

 000009

 C183F2

 000000

 DD9DFF

 FBB9FF

 FFD5FF

 38006A

■ 3D0B6A

■ 42156A

■ 47206A

■ 4C2A6A

■ 51356A

■ 56406A

■ 5B4A6A

■ 60556A

■ 655F6A

Harmonies

Analogous

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



002782



38006A



640041

Triad

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



38006A



441900



003639

Complementary

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



38006A



326A00

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.



003504



38006A



1C2A00

Square

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



38006A



5F0000



003100



003665

Rectangle

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



38006A



6D0023



003100



003629

Sweetspot

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



38006A



76608A



00336A



392C45



C4C4C4



454545

Same Dimension

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



38006A



49008A



6A0068



333036



3E0075



8100F5

Inverse Universe

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



6A0032



8A0041



006A02



363033



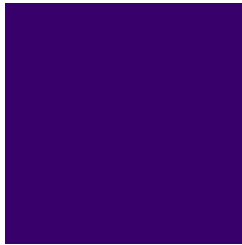
750037



F50073

Previews

White Background



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

Color Contrast Check

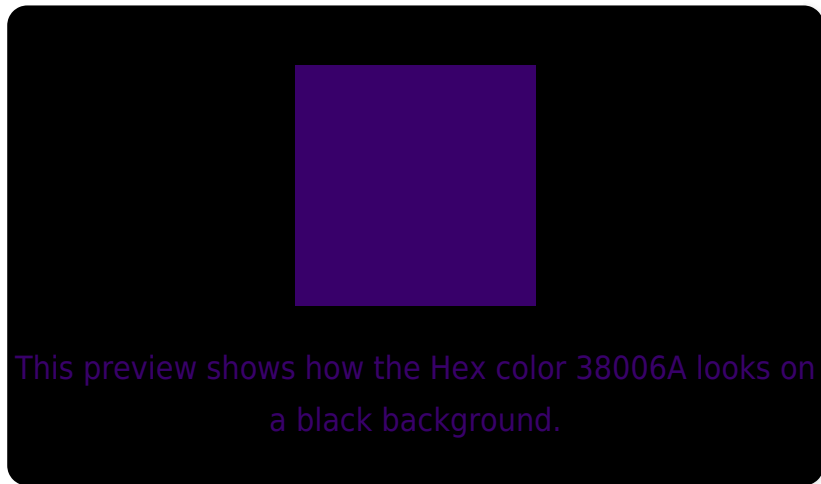
Large Text (above 18pt) WCAG AA ✓ Pass

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

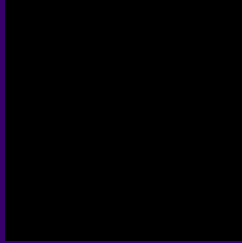
Any Text WCAG AA × Fail

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 38006A Background



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



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

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](#).

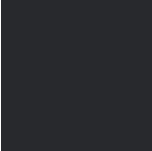
Dichromacy



Original Color
38006A

Protanopia
002854

Deuteranopia
002B48



Tritanopia
28292D

Trichromacy



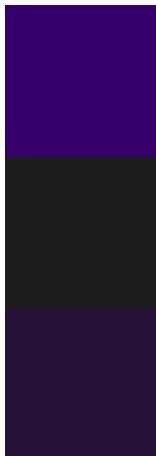
Original Color
38006A

Protanomaly
14195C

Deuteranomaly
141B54

Tritanomaly
2E1A43

Monochromacy



Original Color
38006A

Achromatopsia
1D1D1D

Achromatomaly
271239

CSS Examples

Text

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

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

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 #38006A colored shadow looks like.

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

Border

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

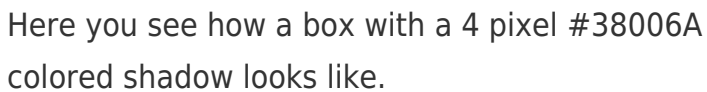
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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