

Converting Colors

Hex(38806D)

Have a look what the booklet for
Hex(38806D) contains.

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Color

Hex(38806D)

Conversions

Conversions Part 1

Format	Color
Hex	38806D
RGB	56, 128, 109
RGB Percent	22%, 50%, 43%
CMY	0.7804, 0.4980, 0.5725
CMYK	0.56, 0.00, 0.15, 0.50
HSL	164°, 39%, 36%
HSV	164°, 56%, 50%
XYZ	12.1104, 17.3832, 17.1850
YIQ	104.3060, -36.8130, -21.1730

Conversions

Conversions Part 2

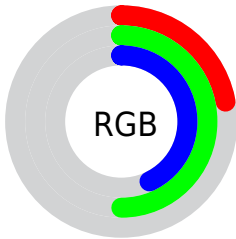
Format	Color
R _{YB}	56, 97, 128
Decimal	3702893
CIE Lab	48.74, -27.45, 3.54
CIE LCh	49, 27.676, 172.660
Yxy	17.3832, 0.2594, 0.3724
Android (android.graphics.Color)	4281892973 (0xFF38806D)
YUV	104.3060, 2.3141, -42.3644
Hunter-Lab	41.6932, -21.1152, 4.7472

Details

The Hex color **38806D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **80384B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6DB5A0**, and **004E3E** is the 20% darker color. If you saturate the color by 10%, you get **2B806A**, and if you desaturate by 10%, it is **458070**.

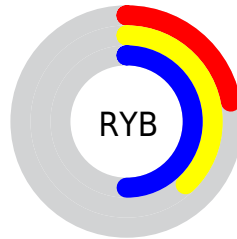
Distribution



 Red (22%)

 Green (50%)

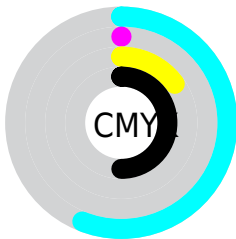
 Blue (43%)




 Red (22%)

 Yellow (38%)

 Blue (50%)

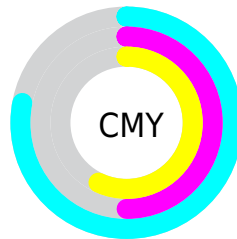


 Cyan (56%)


 Magenta (0%)

 Yellow (15%)

 Black (50%)



 Cyan (78%)

 Magenta (50%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38806D 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 38806D by changing the saturation by 10% instead.

 38806D

 38806D

FFFFFF

 1B6755

 6DB5A0

 004E3E

 88D1BB

 003728

 A4EDD7

 002213

 C0FFF4

 000000

 DCFFFF

 FAFFFF

 38806D

 38806D

 2B806A

 458070

■ 1E8066

■ 528074

■ 128063

■ 5E8077

■ 05805F

■ 6B807B

■ 00805E

■ 78807E

■ 858081

■ 928085

■ 9E8088

■ AB808B

Harmonies

Analogous

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



567D57



38806D



1A8085

Triad

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



38806D



6E709F



9A684F

Complementary

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



38806D



80384B

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.



A26363



38806D



8C6790

Square

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



38806D



4878A2



9D627B



897045

Rectangle

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



38806D



187F93



9D627B



9E6655

Sweetspot

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



38806D



8AA69E



4B8038



435450



D4D4D4



545454

Same Dimension

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



38806D



35A688



386F80



39403E



00805E



000000

Inverse Universe

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



80384B



A63553



804938



40393B



800022



000000

Previews

White Background



This preview shows how the Hex color 38806D looks on a white background.

Color Contrast Check

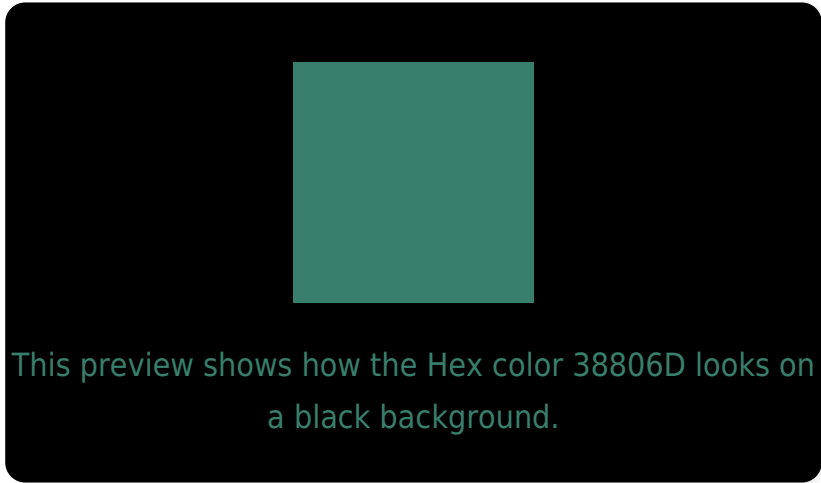
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

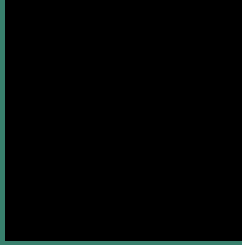
Any Text WCAG AA × Fail

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 38806D Background



This preview shows how black text looks on a background with the Hex color 38806D.

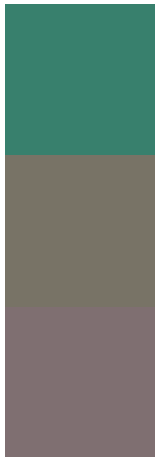


This preview shows how white text looks on a background with the Hex color 38806D.

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
38806D

Protanopia
787366

Deuteranopia
7F6F71



Tritanopia
417C86

Trichromacy



Original Color
38806D

Protanomaly
617869

Deuteranomaly
657570

Tritanomaly
3E7D7D

Monochromacy



Original Color
38806D

Achromatopsia
686868

Achromatomaly
57716A

CSS Examples

Text

The CSS property to change the color of the text to Hex 38806D 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 #38806D looks like.

```
.text, #text, p{  
    color:#38806D  
}
```

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 #38806D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38806D
}
```

Border

The CSS property to change the border of an element to Hex 38806D 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
#38806D }
```

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

```
.border{ border-color:#38806D }
```

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

Here you see how a box with a 4 pixel #38806D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38806D; -webkit-box-shadow:4px 4px  
4px 4px #38806D; box-shadow:4px 4px 4px  
4px #38806D }
```

Background

The CSS property to change the background color of an element to Hex 38806D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38806D }
```

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

```
.background{ background-color:#38806D }
```

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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