

Converting Colors

Hex(40706A)

Have a look what the booklet for
Hex(40706A) contains.

Hex(40706A)	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(40706A)

Conversions

Conversions Part 1

Format	Color
Hex	40706A
RGB	64, 112, 106
RGB Percent	25%, 44%, 42%
CMY	0.7490, 0.5608, 0.5843
CMYK	0.43, 0.00, 0.05, 0.56
HSL	172°, 27%, 35%
HSV	172°, 43%, 44%
XYZ	10.5100, 13.7189, 15.7298
YIQ	96.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

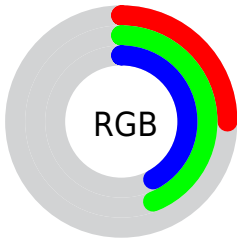
Format	Color
RYB	64, 90, 112
Decimal	4223082
CIELab	43.83, -17.89, -1.79
CIELCh	44, 17.976, 185.722
Yxy	13.7189, 0.2630, 0.3433
Android (android.graphics.Color)	4282413162 (0xFF40706A)
YUV	96.9640, 4.4547, -28.9094
Hunter-Lab	37.0391, -14.1680, 0.7481




Details

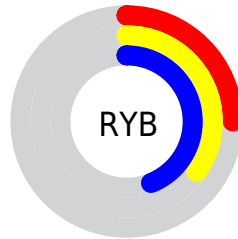
The Hex color **40706A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704046**, and the grayscale version is **616161**.




A 20% lighter version of the original color is **73A49D**, and **0C403B** is the 20% darker color. If you saturate the color by 10%, you get **357069**, and if you desaturate by 10%, it is **4B706B**.

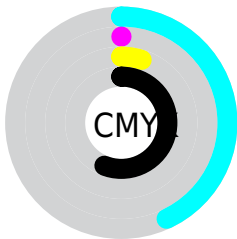
Distribution







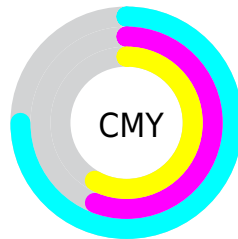
-  Red (25%)
-  Green (44%)
-  Blue (42%)






-  Red (25%)
-  Yellow (35%)
-  Blue (44%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (56%)



-  Cyan (75%)
-  Magenta (56%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40706A 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 40706A by changing the saturation by 10% instead.

40706A

40706A

FFFFFF

275752

73A49D

0C403B

8DBFB8

002A25

A8DBD4

001610

C4F8F0

000000

E0FFFF

F0FFFF

40706A

40706A

357069

4B706B

■ 2A7067

■ 56706D

■ 1E7066

■ 62706E

■ 137064

■ 6D7070

■ 087063

■ 787071

■ 007062

■ 837072

■ 8E7074

■ 9A7075

■ A57077

Harmonies

Analogous

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



4E6F5B



40706A



3B6F78

Triad

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



40706A



6E6380



7D634D

Complementary

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



40706A



704046

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.



855E57



40706A



7D5E74

Square

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



40706A



596885



855D65



70684A

Rectangle

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



40706A



416E80



855D65



80614F

Sweetspot

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



40706A



7E918F



467040



3E4A48



C9C9C9



4A4A4A

Same Dimension

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



40706A



479188



405E70



323837



007869



00F7D8

Inverse Universe

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



704046



914750



705240



383233



78000F



F7001F

Previews

White Background



This preview shows how the Hex color 40706A looks on a white background.

Color Contrast Check

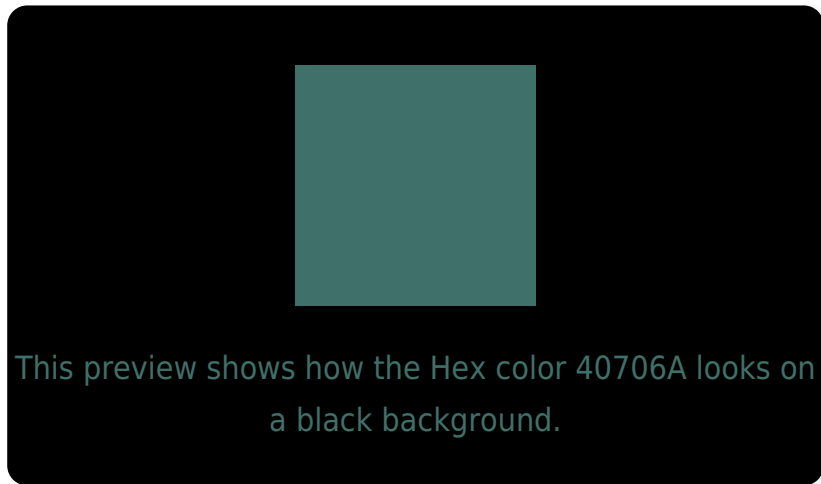
Large Text (above 18pt) WCAG AA ✓ Pass

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

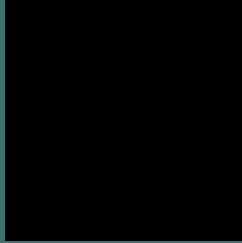
Any Text WCAG AA × Fail

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 40706A Background



This preview shows how black text looks on a background with the Hex color 40706A.

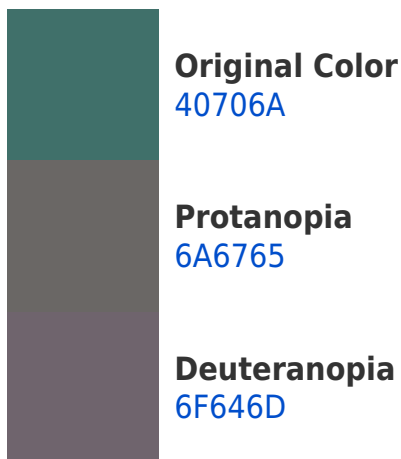


This preview shows how white text looks on a background with the Hex color 40706A.

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](#).

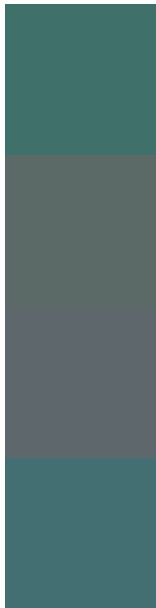
Dichromacy





Tritanopia
446E77

Trichromacy



Original Color
40706A

Protanomaly
5B6A67

Deuteranomaly
5E686C

Tritanomaly
436F72

Monochromacy



Original Color
40706A

Achromatopsia
616161

Achromatomaly
556664

CSS Examples

Text

The CSS property to change the color of the text to Hex 40706A 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 #40706A looks like.

```
.text, #text, p{  
    color:#40706A  
}
```

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 #40706A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40706A
}
```

Border

The CSS property to change the border of an element to Hex 40706A 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
#40706A }
```

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

```
.border{ border-color:#40706A }
```

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

Here you see how a box with a 4 pixel #40706A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40706A; -webkit-box-shadow:4px 4px  
4px 4px #40706A; box-shadow:4px 4px 4px  
4px #40706A }
```

Background

The CSS property to change the background color of an element to Hex 40706A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40706A }
```

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

```
.background{ background-color:#40706A }
```

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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