

Converting Colors

Hex(46796A)

Have a look what the booklet for
Hex(46796A) contains.

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Color

Hex(46796A)

Conversions

Conversions Part 1

Format	Color
Hex	46796A
RGB	70, 121, 106
RGB Percent	27%, 47%, 42%
CMY	0.7255, 0.5255, 0.5843
CMYK	0.42, 0.00, 0.12, 0.53
HSL	162°, 27%, 37%
HSV	162°, 42%, 47%
XYZ	11.9647, 16.0174, 16.0967
YIQ	104.0410, -25.5810, -15.4770

Conversions

Conversions Part 2

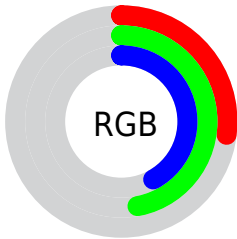
Format	Color
RYB	70, 100, 121
Decimal	4618602
CIELab	47.00, -20.95, 2.86
CIELCh	47, 21.149, 172.217
Yxy	16.0174, 0.2714, 0.3634
Android (android.graphics.Color)	4282808682 (0xFF46796A)
YUV	104.0410, 0.9658, -29.8540
Hunter-Lab	40.0218, -16.6748, 4.1689

Details

The Hex color **46796A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **794655**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **79AE9D**, and **13483B** is the 20% darker color. If you saturate the color by 10%, you get **3A7966**, and if you desaturate by 10%, it is **52796E**.

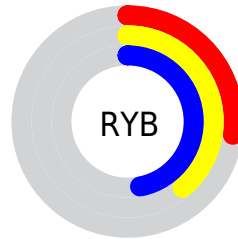
Distribution



Red (27%)

Green (47%)

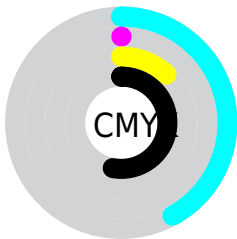
Blue (42%)



Red (27%)

Yellow (39%)

Blue (47%)

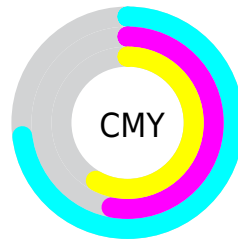


Cyan (42%)

Magenta (0%)

Yellow (12%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46796A 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 46796A by changing the saturation by 10% instead.

 46796A

 46796A

FFFFFF

 2D6052

 79AE9D

 13483B

 93C9B8

 003125

 AFE5D4

 001D10

 CBFFF0

 000000

 E7FFFF

 46796A

 46796A

 3A7966

 52796E

 2E7963

 5E7971

■ 22795F

■ 6A7975

■ 16795C

■ 767978

■ 097958

■ 83797C

■ 007955

■ 8F797F

■ 9B7983

■ A77986

■ B3798A

Harmonies

Analogous

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



5A7759



46796A



39797C

Triad

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



46796A



6C6C90



8E6754

Complementary

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



46796A



794655

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.



936363



46796A



826685

Square

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



46796A



527392



8F6375



806D4C

Rectangle

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



46796A



397887



8F6375



906558

Sweetspot

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



46796A



8A9E98



557946



424F4B



CFCFCF



4F4F4F

Same Dimension

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



46796A



4D9E86



466F79



373D3B



007D58



00FCB2

Inverse Universe

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



794655



9E4D65



795046



3D3739



7D0025



FC004A

Previews

White Background



This preview shows how the Hex color 46796A looks on a white background.

Color Contrast Check

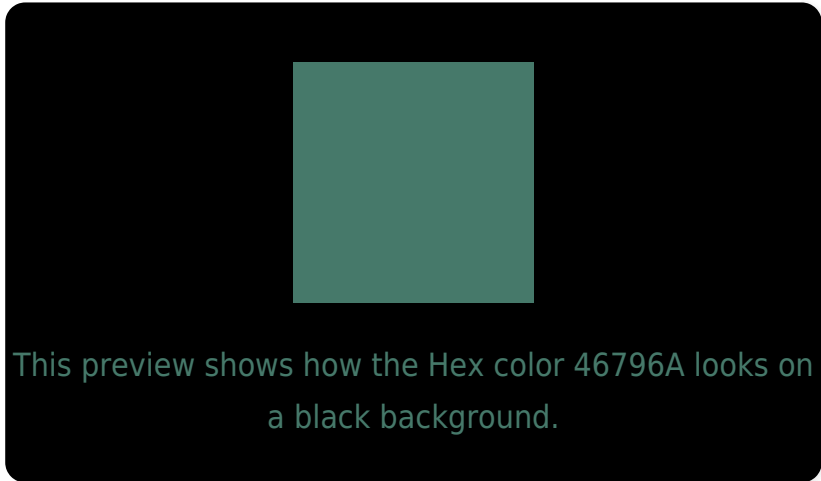
Large Text (above 18pt) WCAG AA ✓ Pass

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

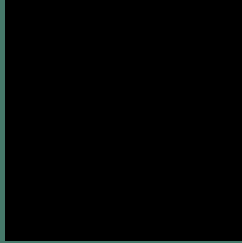
Any Text WCAG AA × Fail

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 46796A Background



This preview shows how black text looks on a background with the Hex color 46796A.

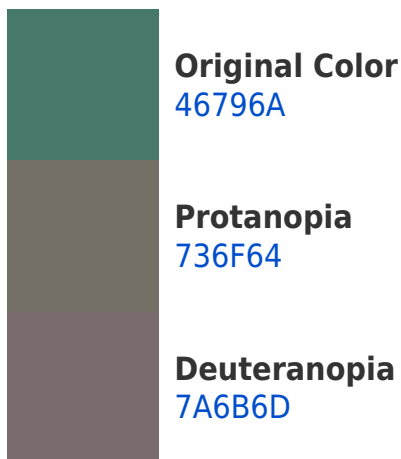



This preview shows how white text looks on a background with the Hex color 46796A.

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
4C767F

Trichromacy



Original Color
46796A

Protanomaly
637366

Deuteranomaly
67706C

Tritanomaly
4A7777

Monochromacy



Original Color
46796A

Achromatopsia
686868

Achromatomaly
5C6E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 46796A 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 #46796A looks like.

```
.text, #text, p{  
    color:#46796A  
}
```

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 #46796A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46796A
}
```

Border

The CSS property to change the border of an element to Hex 46796A 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
#46796A }
```

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

```
.border{ border-color:#46796A }
```

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

Here you see how a box with a 4 pixel #46796A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46796A; -webkit-box-shadow:4px 4px  
4px 4px #46796A; box-shadow:4px 4px 4px  
4px #46796A }
```

Background

The CSS property to change the background color of an element to Hex 46796A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46796A }
```

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

```
.background{ background-color:#46796A }
```

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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