

Converting Colors

Hex(21796A)

Have a look what the booklet for
Hex(21796A) contains.

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Color

Hex(21796A)

Conversions

Conversions Part 1

Format	Color
Hex	21796A
RGB	33, 121, 106
RGB Percent	13%, 47%, 42%
CMY	0.8706, 0.5255, 0.5843
CMYK	0.73, 0.00, 0.12, 0.53
HSL	170°, 57%, 30%
HSV	170°, 73%, 47%
XYZ	10.0661, 15.0387, 16.0079
YIQ	92.9780, -47.6330, -23.3210

Conversions

Conversions Part 2

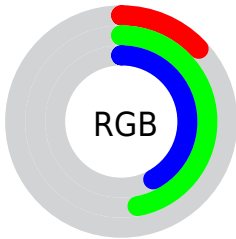
Format	Color
RYB	33, 81, 121
Decimal	2193770
CIELab	45.69, -29.33, 0.80
CIELCh	46, 29.342, 178.438
Yxy	15.0387, 0.2448, 0.3658
Android (android.graphics.Color)	4280383850 (0xFF21796A)
YUV	92.9780, 6.4198, -52.6007
Hunter-Lab	38.7797, -21.5312, 2.6715

Details

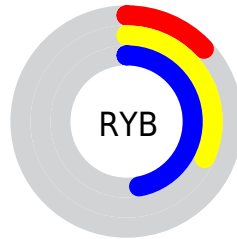
The Hex color **21796A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792130**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5BAE9D**, and **00483B** is the 20% darker color. If you saturate the color by 10%, you get **157968**, and if you desaturate by 10%, it is **2D796C**.

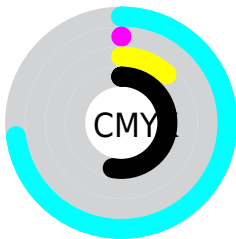
Distribution



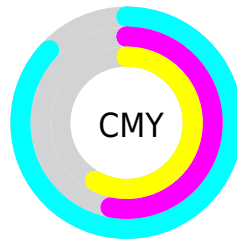
- Red (13%)
- Green (47%)
- Blue (42%)



- Red (13%)
- Yellow (32%)
- Blue (47%)



- Cyan (73%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21796A 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 21796A by changing the saturation by 10% instead.

 21796A

 21796A

FFFFFF

 006052

 5BAE9D

 00483B

 77CAB8

 003025

 92E6D4


 001D10


 AFFFF0

 000000

 CBFFFF

 E8FFFF

 21796A

 21796A

 157968

 2D796C

■ 097966

■ 39796E

■ 007964

■ 457970

■ 517972

■ 5D7974

■ 6A7976

■ 767978

■ 82797A

■ 8E797D

Harmonies

Analogous

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



477752



21796A



007983

Triad

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



21796A



6D6697



906243

Complementary

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



21796A



792130

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.



9B5B56



21796A



8A5E86

Square

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



21796A



446F9D



99596E



7D6A3B

Rectangle

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



21796A



007790



99596E



955F48

Sweetspot

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



21796A



7B9E98



317921



3A4F4C



CFCFCF



4F4F4F

Same Dimension

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



21796A



159E87



215D79



373D3C



007D68



00FCD1

Inverse Universe

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



792130



9E152C



793D21



3D3738



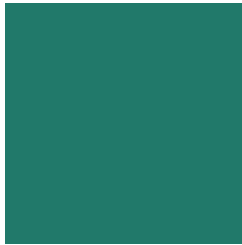
7D0015



FC002B

Previews

White Background



This preview shows how the Hex color 21796A looks on a white background.

Color Contrast Check

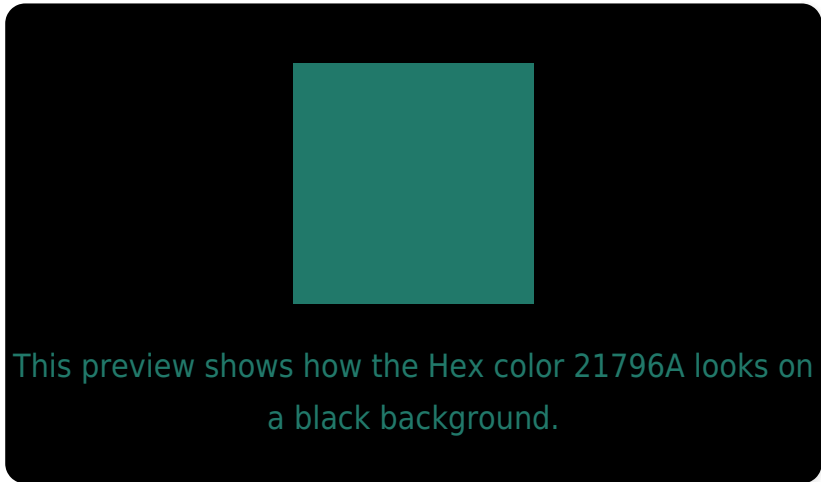
Large Text (above 18pt) WCAG AA ✓ Pass

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

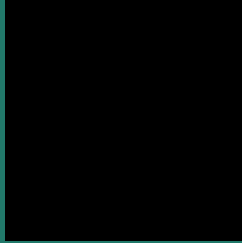
Any Text WCAG AA × Fail

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 21796A Background



This preview shows how black text looks on a background with the Hex color 21796A.

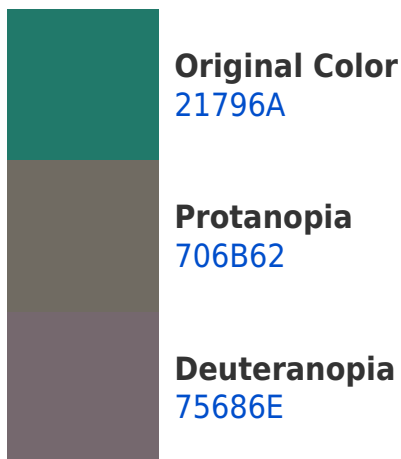


This preview shows how white text looks on a background with the Hex color 21796A.

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
2D767F

Trichromacy



Original Color
21796A

Protanomaly
537065

Deuteranomaly
566E6D

Tritanomaly
297777

Monochromacy



Original Color
21796A

Achromatopsia
5D5D5D

Achromatomaly
476762

CSS Examples

Text

The CSS property to change the color of the text to Hex 21796A 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 #21796A looks like.

```
.text, #text, p{  
    color:#21796A  
}
```

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 #21796A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21796A
}
```

Border

The CSS property to change the border of an element to Hex 21796A 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
#21796A }
```

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

```
.border{ border-color:#21796A }
```

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

Here you see how a box with a 4 pixel #21796A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21796A; -webkit-box-shadow:4px 4px  
4px 4px #21796A; box-shadow:4px 4px 4px  
4px #21796A }
```

Background

The CSS property to change the background color of an element to Hex 21796A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21796A }
```

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

```
.background{ background-color:#21796A }
```

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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