

Converting Colors

Hex(21756B)

Have a look what the booklet for
Hex(21756B) contains.

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Color

Hex(21756B)

Conversions

Conversions Part 1

Format	Color
Hex	21756B
RGB	33, 117, 107
RGB Percent	13%, 46%, 42%
CMY	0.8706, 0.5412, 0.5804
CMYK	0.72, 0.00, 0.09, 0.54
HSL	173°, 56%, 29%
HSV	173°, 72%, 46%
XYZ	9.6423, 14.1074, 16.1247
YIQ	90.7440, -46.8540, -20.9180

Conversions

Conversions Part 2

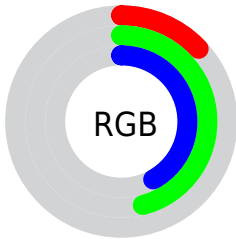
Format	Color
R_{YB}	33, 78, 117
Decimal	2192747
CIE Lab	44.39, -27.09, -1.70
CIE LCh	44, 27.146, 183.587
Yxy	14.1074, 0.2418, 0.3538
Android (android.graphics.Color)	4280382827 (0xFF21756B)
YUV	90.7440, 8.0142, -50.6415
Hunter-Lab	37.5599, -19.9055, 0.8383

Details

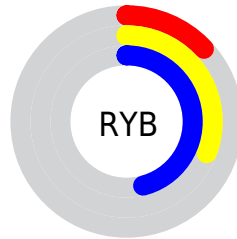
The Hex color **21756B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **75212B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5BAA9E**, and **00443C** is the 20% darker color. If you saturate the color by 10%, you get **15756A**, and if you desaturate by 10%, it is **2D756C**.

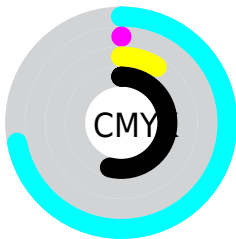
Distribution



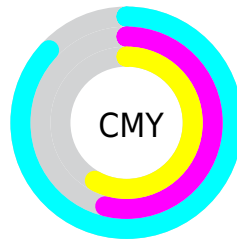
- Red (13%)
- Green (46%)
- Blue (42%)



- Red (13%)
- Yellow (31%)
- Blue (46%)



- Cyan (72%)
- Magenta (0%)
- Yellow (9%)
- Black (54%)



- Cyan (87%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21756B 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 21756B by changing the saturation by 10% instead.

 21756B

 21756B

FFFFFF

 005C53

 5BAA9E

 00443C

 76C5B9

 002D26

 92E1D5

 001812

 AEFEF1

 000000

 CAFFFF

 E7FFFF

 21756B

 21756B

 15756A

 2D756C

■ 0A7568

■ 38756E

■ 007567

■ 44756F

■ 507571

■ 5C7572

■ 677573

■ 737575

■ 7F7576

■ 8A7578

Harmonies

Analogous

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



427354



21756B



007481

Triad

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



21756B



6F628F



886141

Complementary

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



21756B



75212B

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.



935A51



21756B



885B7D

Square

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



21756B



4C6A96



945767



75683B

Rectangle

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



21756B



12728D



945767



8D5E45

Sweetspot

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



21756B



779995



2C7521



394D4A



CCCCCC



4D4D4D

Same Dimension

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



21756B



159989



215675



353B3A



007A6C



00FADC

Inverse Universe

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



75212B



991525



754021



3B3535



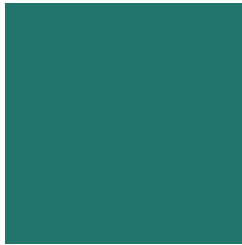
7A000F



FA001E

Previews

White Background



This preview shows how the Hex color 21756B looks on a white background.

Color Contrast Check

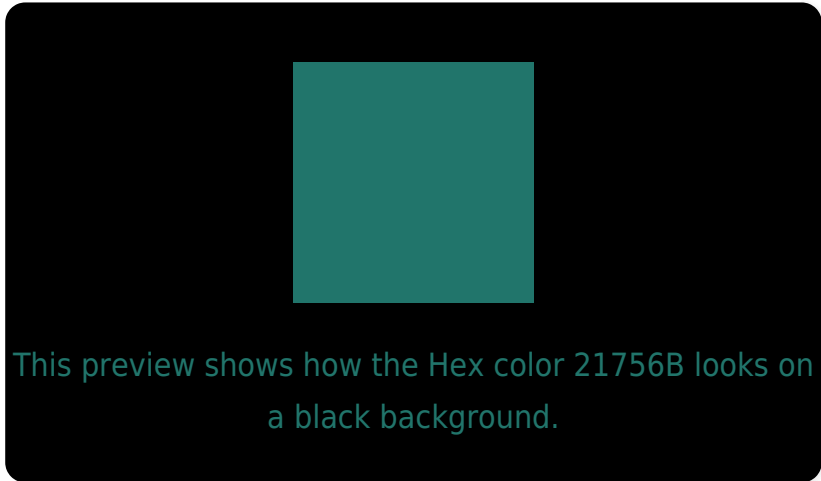
Large Text (above 18pt) WCAG AA ✓ Pass

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

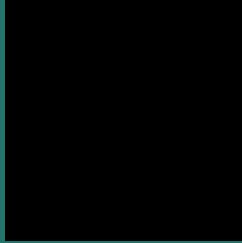
Any Text WCAG AA × Fail

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 21756B Background



This preview shows how black text looks on a background with the Hex color 21756B.

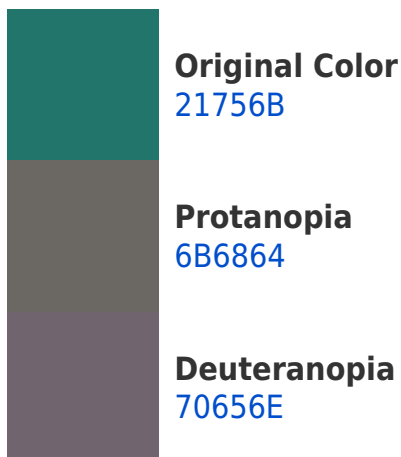


This preview shows how white text looks on a background with the Hex color 21756B.

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](#).

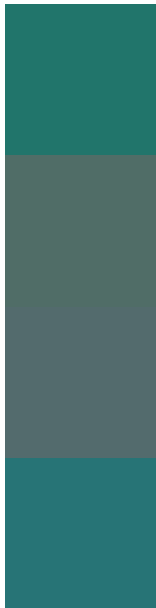
Dichromacy





Tritanopia
2A737C

Trichromacy



Original Color
21756B

Protanomaly
506D67

Deuteranomaly
536B6D

Tritanomaly
277476

Monochromacy



Original Color
21756B

Achromatopsia
5B5B5B

Achromatomaly
466461

CSS Examples

Text

The CSS property to change the color of the text to Hex 21756B 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 #21756B looks like.

```
.text, #text, p{  
    color:#21756B  
}
```

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 #21756B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21756B
}
```

Border

The CSS property to change the border of an element to Hex 21756B 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
#21756B }
```

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

```
.border{ border-color:#21756B }
```

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

Here you see how a box with a 4 pixel #21756B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21756B; -webkit-box-shadow:4px 4px  
4px 4px #21756B; box-shadow:4px 4px 4px  
4px #21756B }
```

Background

The CSS property to change the background color of an element to Hex 21756B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21756B }
```

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

```
.background{ background-color:#21756B }
```

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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