

Converting Colors

Hex(50776B)

Have a look what the booklet for
Hex(50776B) contains.

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Color

Hex(50776B)

Conversions

Conversions Part 1

Format	Color
Hex	50776B
RGB	80, 119, 107
RGB Percent	31%, 47%, 42%
CMY	0.6863, 0.5333, 0.5804
CMYK	0.33, 0.00, 0.10, 0.53
HSL	162°, 20%, 39%
HSV	162°, 33%, 47%
XYZ	12.5589, 15.9607, 16.3287
YIQ	105.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

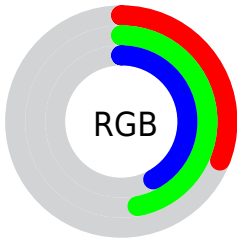
Format	Color
RYB	80, 103, 119
Decimal	5273451
CIELab	46.92, -16.55, 2.23
CIELCh	47, 16.700, 172.327
Yxy	15.9607, 0.2800, 0.3559
Android (android.graphics.Color)	4283463531 (0xFF50776B)
YUV	105.9710, 0.5073, -22.7766
Hunter-Lab	39.9508, -13.8006, 3.7325

Details

The Hex color **50776B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77505C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **83AB9E**, and **21463C** is the 20% darker color. If you saturate the color by 10%, you get **447767**, and if you desaturate by 10%, it is **5C776F**.

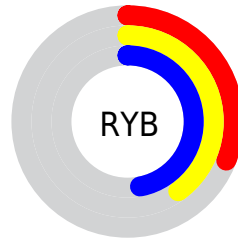
Distribution



Red (31%)

Green (47%)

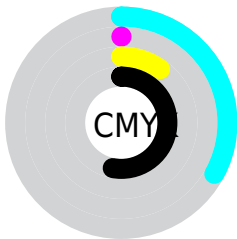
Blue (42%)



Red (31%)

Yellow (40%)

Blue (47%)

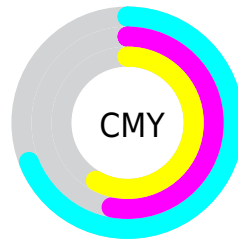


Cyan (33%)

Magenta (0%)

Yellow (10%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50776B 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 50776B by changing the saturation by 10% instead.

■ 50776B

■ 50776B

FFFFFF

■ 385E53

■ 83AB9E

■ 21463C

■ 9DC7B9

■ 083026

■ B8E3D5

■ 001C11

■ D4FFF1

■ 000000

■ F1FFFF

■ 50776B

■ 50776B

■ 447767

■ 5C776F

■ 387764

■ 687772

■ 2C7760

■ 747776

■ 20775C

■ 80777A

■ 157759

■ 8B777D

■ 097755

■ 977781

■ 007752

■ A37785

■ AF7788

■ BB778C

Harmonies

Analogous

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



5F755E



50776B



487779

Triad

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



50776B



6D6D89



88695A

Complementary

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



50776B



77505C

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.



8C6665



50776B



7E6881

Square

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



50776B



5A728B



896573



7D6D54

Rectangle

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



50776B



487682



896573



8A675D

Sweetspot

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



50776B



8C9C97



5C7750



464F4C



CFCFCF



4F4F4F

Same Dimension

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



50776B



5F9C89



507077



353B39



007A55



00FAAD

Inverse Universe

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



77505C



9C5F72



775750



3B3537



7A0026



FA004D

Previews

White Background



This preview shows how the Hex color 50776B looks on a white background.

Color Contrast Check

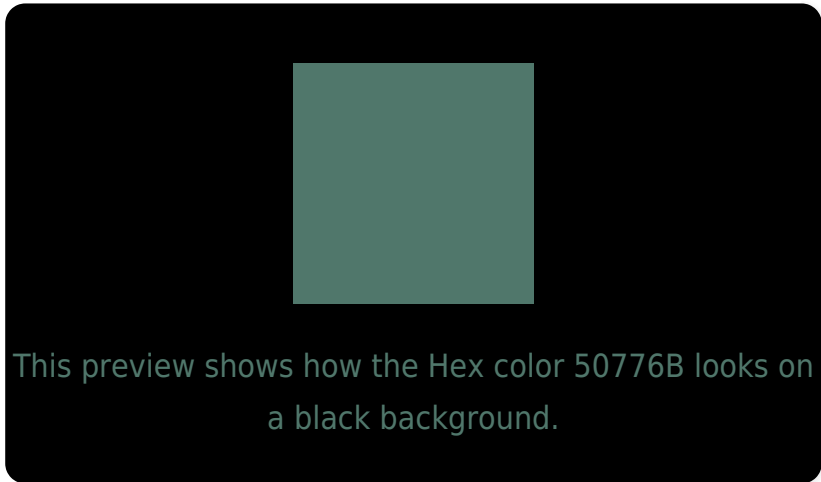
Large Text (above 18pt) WCAG AA ✓ Pass

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

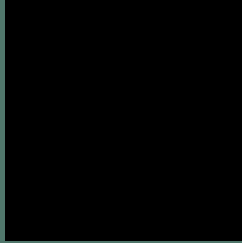
Any Text WCAG AA × Fail

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 50776B Background



This preview shows how black text looks on a background with the Hex color 50776B.

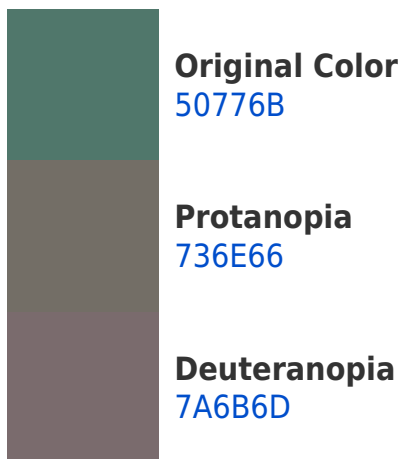


This preview shows how white text looks on a background with the Hex color 50776B.

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](#).

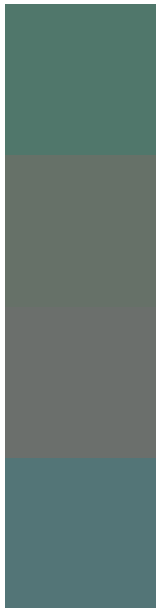
Dichromacy





Tritanopia
54747E

Trichromacy



Original Color
50776B

Protanomaly
667168

Deuteranomaly
6B6F6C

Tritanomaly
537577

Monochromacy



Original Color
50776B

Achromatopsia
6A6A6A

Achromatomaly
616F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 50776B 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 #50776B looks like.

```
.text, #text, p{  
    color:#50776B  
}
```

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 #50776B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50776B
}
```

Border

The CSS property to change the border of an element to Hex 50776B 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
#50776B }
```

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

```
.border{ border-color:#50776B }
```

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

Here you see how a box with a 4 pixel #50776B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50776B; -webkit-box-shadow:4px 4px  
4px 4px #50776B; box-shadow:4px 4px 4px  
4px #50776B }
```

Background

The CSS property to change the background color of an element to Hex 50776B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50776B }
```

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

```
.background{ background-color:#50776B }
```

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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