

Converting Colors

Hex(5D796E)

Have a look what the booklet for
Hex(5D796E) contains.

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Color

Hex(5D796E)

Conversions

Conversions Part 1

Format	Color
Hex	5D796E
RGB	93, 121, 110
RGB Percent	36%, 47%, 43%
CMY	0.6353, 0.5255, 0.5686
CMYK	0.23, 0.00, 0.09, 0.53
HSL	156°, 13%, 42%
HSV	156°, 23%, 47%
XYZ	14.1660, 17.1277, 17.3112
YIQ	111.3740, -13.1570, -9.3570

Conversions

Conversions Part 2

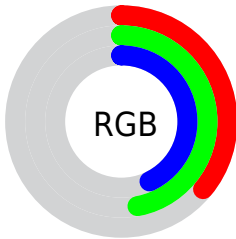
Format	Color
R_{YB}	93, 110, 121
Decimal	6125934
CIE Lab	48.42, -12.58, 2.72
CIE LCh	48, 12.868, 167.786
Yxy	17.1277, 0.2915, 0.3524
Android (android.graphics.Color)	4284316014 (0xFF5D796E)
YUV	111.3740, -0.6774, -16.1140
Hunter-Lab	41.3856, -11.3253, 4.1695

Details

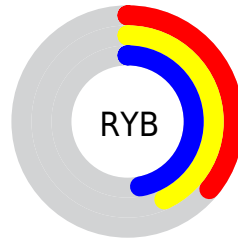
The Hex color **5D796E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **795D68**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **90ADA2**, and **2E483F** is the 20% darker color. If you saturate the color by 10%, you get **517969**, and if you desaturate by 10%, it is **697973**.

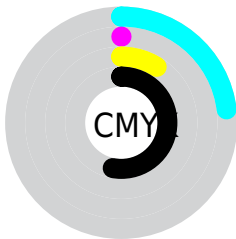
Distribution



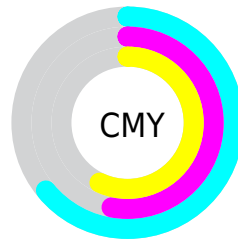
- Red (36%)
- Green (47%)
- Blue (43%)



- Red (36%)
- Yellow (43%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D796E 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 5D796E by changing the saturation by 10% instead.

■ 5D796E

■ 5D796E

FFFFFF

■ 456056

■ 90ADA2

■ 2E483F

■ AAC9BD

■ 183229

■ C6E5D8

■ 011D14

■ E2FFF5

■ 000000

■ 5D796E

■ 5D796E

■ 517969

■ 697973

■ 457964

■ 757978

■ 397960

■ 81797C

 2D795B


 8D7981

 207956

 997986

 147951

 A6798B

 08794D

 B2798F

 007949

 BE7994

 CA7999

Harmonies

Analogous

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



687764



5D796E



577979

Triad

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



5D796E



6F7288



876D63

Complementary

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



5D796E



795D68

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.



8A6C6D



5D796E



7D6E82

Square

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



5D796E



617588



866C78



80715E

Rectangle

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



5D796E



567980



866C78



896D66

Sweetspot

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



5D796E



939E9A



68795D



494F4D



CFCFCF



4F4F4F

Same Dimension

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



5D796E



729E8D



5D7679



373D3B



007D4C



00FC99

Inverse Universe

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



795D68



9E7283



79605D



3D3739



7D0031



FC0063

Previews

White Background



This preview shows how the Hex color 5D796E looks on a white background.

Color Contrast Check

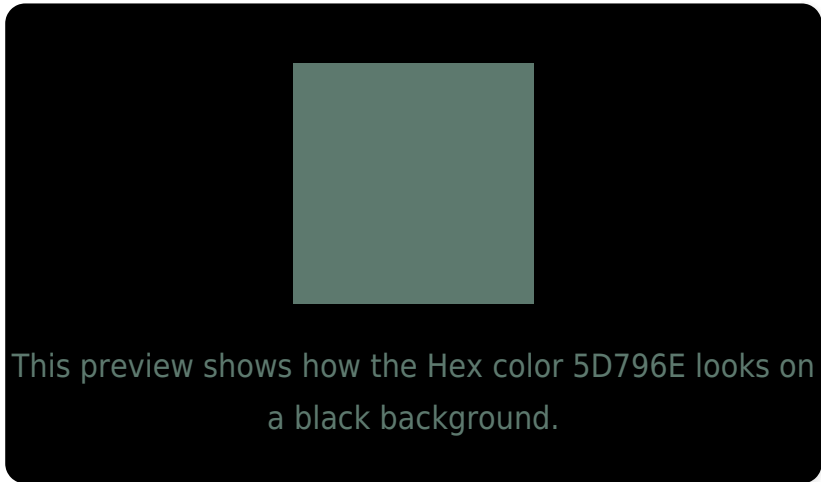
Large Text (above 18pt) WCAG AA ✓ Pass

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

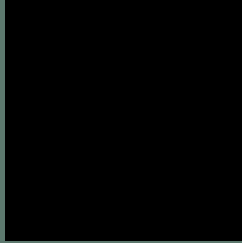
Any Text WCAG AA × Fail

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 5D796E Background



This preview shows how black text looks on a background with the Hex color 5D796E.

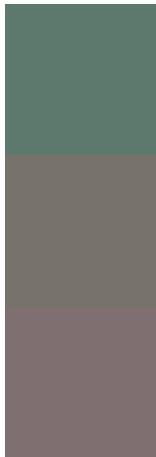


This preview shows how white text looks on a background with the Hex color 5D796E.

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



Original Color
5D796E

Protanopia
77726A

Deuteranopia
7F6F70



Tritanopia
607680

Trichromacy



Original Color
5D796E

Protanomaly
6E756B

Deuteranomaly
73736F

Tritanomaly
5F7779

Monochromacy



Original Color
5D796E

Achromatopsia
6F6F6F

Achromatomaly
68736F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D796E 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 #5D796E looks like.

```
.text, #text, p{  
    color:#5D796E  
}
```

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 #5D796E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D796E
}
```

Border

The CSS property to change the border of an element to Hex 5D796E 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
#5D796E }
```

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

```
.border{ border-color:#5D796E }
```

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

Here you see how a box with a 4 pixel #5D796E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D796E; -webkit-box-shadow:4px 4px  
4px 4px #5D796E; box-shadow:4px 4px 4px  
4px #5D796E }
```

Background

The CSS property to change the background color of an element to Hex 5D796E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D796E }
```

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

```
.background{ background-color:#5D796E }
```

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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