

Converting Colors

Hex(507D71)

Have a look what the booklet for
Hex(507D71) contains.

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Color

Hex(507D71)

Conversions

Conversions Part 1

Format	Color
Hex	507D71
RGB	80, 125, 113
RGB Percent	31%, 49%, 44%
CMY	0.6863, 0.5098, 0.5569
CMYK	0.36, 0.00, 0.10, 0.51
HSL	164°, 22%, 40%
HSV	164°, 36%, 49%
XYZ	13.6225, 17.5650, 18.2952
YIQ	110.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

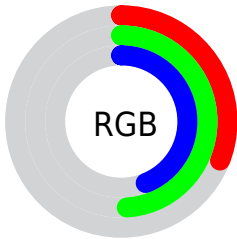
Format	Color
RYB	80, 106, 125
Decimal	5274993
CIELab	48.96, -18.35, 1.64
CIElCh	49, 18.428, 174.880
Yxy	17.5650, 0.2753, 0.3550
Android (android.graphics.Color)	4283465073 (0xFF507D71)
YUV	110.1770, 1.3917, -26.4652
Hunter-Lab	41.9106, -15.3243, 3.4556

Details

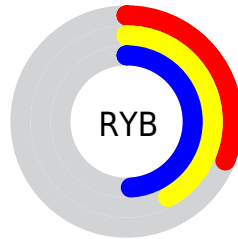
The Hex color **507D71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D505C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **83B2A5**, and **1F4C41** is the 20% darker color. If you saturate the color by 10%, you get **447D6E**, and if you desaturate by 10%, it is **5D7D74**.

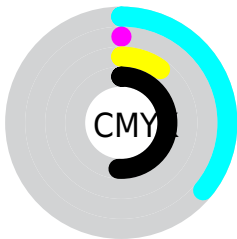
Distribution



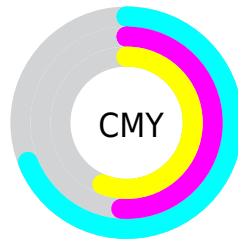
- Red (31%)
- Green (49%)
- Blue (44%)



- Red (31%)
- Yellow (42%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507D71 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 507D71 by changing the saturation by 10% instead.

■ 507D71

■ 507D71

FFFFFF

■ 386459

■ 83B2A5

■ 1F4C41

■ 9ECDC0

■ 04352B

■ B9EADC

■ 002017

■ D5FFF8

■ 000000

■ F2FFFF

■ 507D71

■ 507D71

■ 447D6E

■ 5D7D74

■ 377D6A

■ 697D78

 2B7D67

 767D7B

 1E7D64


 827D7E

 127D60

 8F7D82

 057D5D

 9B7D85

 007D5C

 A87D88

 B47D8C

 C17D8F

Harmonies

Analogous

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



607B62



507D71



477D81

Triad

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



507D71



737191



8F6D5B

Complementary

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



507D71



7D505C

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.



946A68



507D71



866C86

Square

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



507D71



5E7793



916978



827255

Rectangle

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



507D71



497C8A



916978



916C5F

Sweetspot

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



507D71



91A39E



5C7D50



47524F



D1D1D1



525252

Same Dimension

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



507D71



5DA390



50727D



39403E



00805E



000000

Inverse Universe

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



7D505C



A35D70



7D5A50



40393B



800022



000000

Previews

White Background



This preview shows how the Hex color 507D71 looks on a white background.

Color Contrast Check

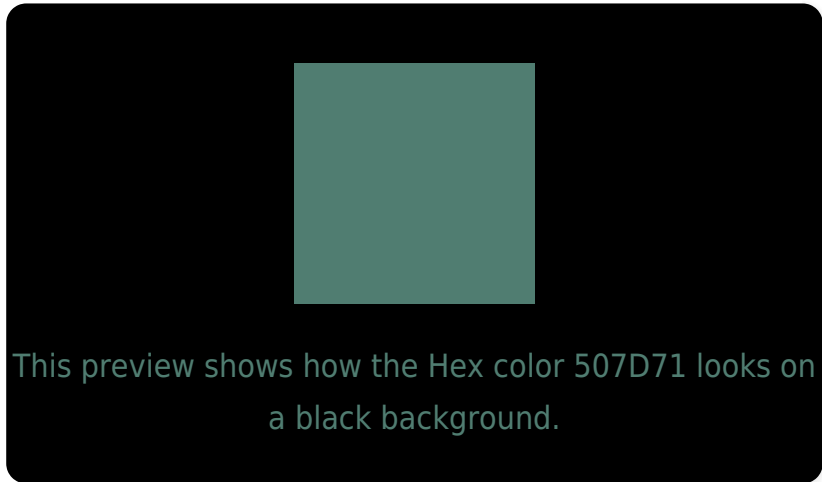
Large Text (above 18pt) WCAG AA ✓ Pass

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

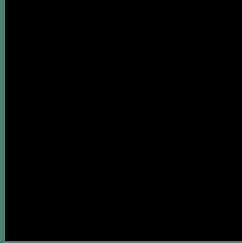
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 507D71 Background



This preview shows how black text looks on a background with the Hex color 507D71.

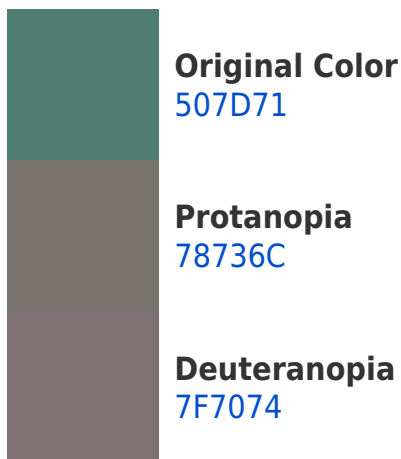



This preview shows how white text looks on a background with the Hex color 507D71.

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
557A84

Trichromacy



Original Color
507D71

Protanomaly
69776E

Deuteranomaly
6E7573

Tritanomaly
537B7D

Monochromacy



Original Color
507D71

Achromatopsia
6E6E6E

Achromatomaly
63736F

CSS Examples

Text

The CSS property to change the color of the text to Hex 507D71 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 #507D71 looks like.

```
.text, #text, p{  
    color:#507D71  
}
```

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 #507D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507D71  
}
```

Border

The CSS property to change the border of an element to Hex 507D71 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  
#507D71 }
```

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

```
.border{ border-color:#507D71 }
```

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

Here you see how a box with a 4 pixel #507D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507D71; -webkit-box-shadow:4px 4px  
4px 4px #507D71; box-shadow:4px 4px 4px  
4px #507D71 }
```

Background

The CSS property to change the background color of an element to Hex 507D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507D71 }
```

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

```
.background{ background-color:#507D71 }
```

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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