

Converting Colors

Hex(507E87)

Have a look what the booklet for
Hex(507E87) contains.

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Color

Hex(507E87)

Conversions

Conversions Part 1

Format	Color
Hex	507E87
RGB	80, 126, 135
RGB Percent	31%, 49%, 53%
CMY	0.6863, 0.5059, 0.4706
CMYK	0.41, 0.07, 0.00, 0.47
HSL	190°, 26%, 42%
HSV	190°, 41%, 53%
XYZ	15.1423, 18.3765, 25.6706
YIQ	113.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

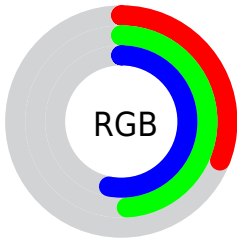
Format	Color
RYB	80, 105, 135
Decimal	5275271
CIELab	49.95, -13.21, -9.85
CIElCh	50, 16.478, 216.698
Yxy	18.3765, 0.2558, 0.3105
Android (android.graphics.Color)	4283465351 (0xFF507E87)
YUV	113.2720, 10.7119, -29.1795
Hunter-Lab	42.8678, -11.9666, -5.4973

Details

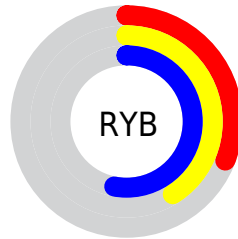
The Hex color **507E87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **875950**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **84B3BC**, and **1D4D55** is the 20% darker color. If you saturate the color by 10%, you get **427C87**, and if you desaturate by 10%, it is **5E8087**.

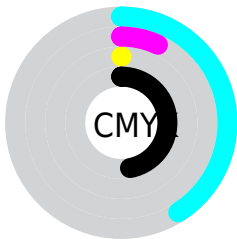
Distribution



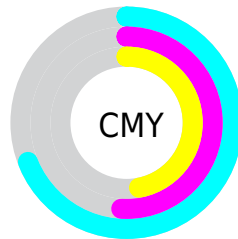
- Red (31%)
- Green (49%)
- Blue (53%)



- Red (31%)
- Yellow (41%)
- Blue (53%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507E87 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 507E87 by changing the saturation by 10% instead.

■ 507E87

■ 507E87

FFFFFF

■ 37656E

■ 84B3BC

■ 1D4D55

■ 9FCED8

■ 00363E

■ BAEBF4

■ 002128

■ D7FFFF

■ 000114

■ F3FFFF

■ 000000

■ 507E87

■ 507E87

■ 427C87

■ 5E8087

■ 357A87

■ 6B8287

277787

788587

1A7587

868787

0C7387

938987

007187

A18B87

AF8D87

BC9087

CA9287

Harmonies

Analogous

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



537F7A



507E87



597B90

Triad

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



507E87



8C6E82



7E775B

Complementary

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



507E87



875950

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.



8B725E



507E87



936D74

Square

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



507E87



7D728D



936E67



6F7B60

Rectangle

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



507E87



647992



936E67



83755B

Sweetspot

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



507E87



9BACB0



508758



4D5759



D9D9D9



595959

Same Dimension

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



507E87



5AA2B0



506387



3C4142



006D82



000203

Inverse Universe

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



87507E



B05AA2



877450



423C41



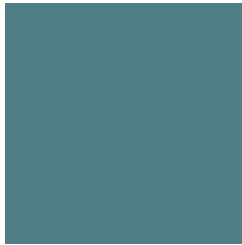
82006D



030002

Previews

White Background



This preview shows how the Hex color 507E87 looks on a white background.

Color Contrast Check

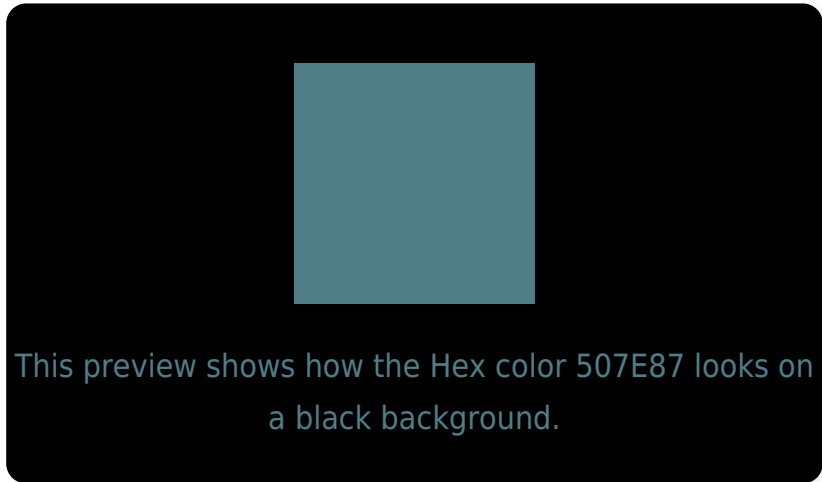
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

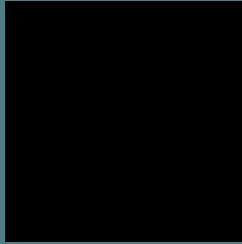
Any Text WCAG AA ✓ Pass

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 507E87 Background



This preview shows how black text looks on a background with the Hex color 507E87.

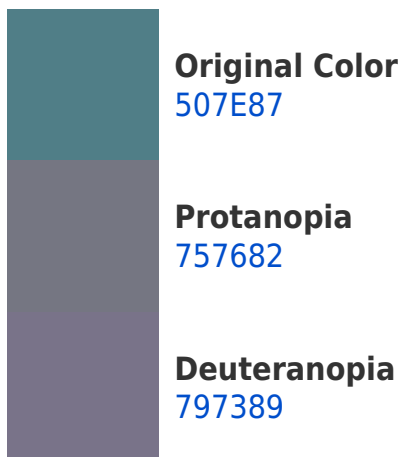


This preview shows how white text looks on a background with the Hex color 507E87.

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
507E88

Trichromacy



Original Color
507E87

Protanomaly
687984

Deuteranomaly
6A7788

Tritanomaly
507E88

Monochromacy



Original Color
507E87

Achromatopsia
717171

Achromatomaly
657679

CSS Examples

Text

The CSS property to change the color of the text to Hex 507E87 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 #507E87 looks like.

```
.text, #text, p{  
    color:#507E87  
}
```

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 #507E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507E87
}
```

Border

The CSS property to change the border of an element to Hex 507E87 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
#507E87 }
```

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

```
.border{ border-color:#507E87 }
```

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

Here you see how a box with a 4 pixel #507E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507E87; -webkit-box-shadow:4px 4px  
4px 4px #507E87; box-shadow:4px 4px 4px  
4px #507E87 }
```

Background

The CSS property to change the background color of an element to Hex 507E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507E87 }
```

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

```
.background{ background-color:#507E87 }
```

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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