

Converting Colors

Hex(567E83)

Have a look what the booklet for
Hex(567E83) contains.

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Color

Hex(567E83)

Conversions

Conversions Part 1

Format	Color
Hex	567E83
RGB	86, 126, 131
RGB Percent	34%, 49%, 51%
CMY	0.6627, 0.5059, 0.4863
CMYK	0.34, 0.04, 0.00, 0.49
HSL	187°, 21%, 43%
HSV	187°, 34%, 51%
XYZ	15.3953, 18.5388, 24.2397
YIQ	114.6100, -25.4450, -6.9250

Conversions

Conversions Part 2

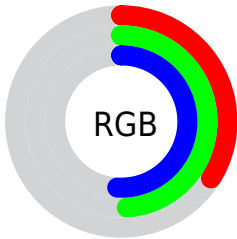
Format	Color
R_{YB}	86, 107, 131
Decimal	5668483
CIE _{Lab}	50.14, -12.55, -7.17
CIE _{LCh}	50, 14.452, 209.762
Yxy	18.5388, 0.2646, 0.3187
Android (android.graphics.Color)	4283858563 (0xFF567E83)
YUV	114.6100, 8.0803, -25.0910
Hunter-Lab	43.0567, -11.5250, -3.2388

Details

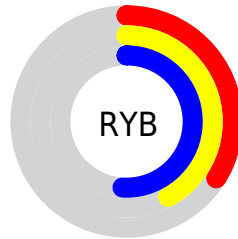
The Hex color **567E83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **835B56**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **89B3B8**, and **254D52** is the 20% darker color. If you saturate the color by 10%, you get **497D83**, and if you desaturate by 10%, it is **637F83**.

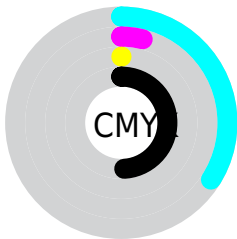
Distribution



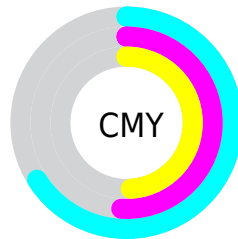
- Red (34%)
- Green (49%)
- Blue (51%)



- Red (34%)
- Yellow (42%)
- Blue (51%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567E83 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 567E83 by changing the saturation by 10% instead.

■ 567E83

■ 567E83

FFFFFF

■ 3D656A

■ 89B3B8

■ 254D52

■ A4CED4

■ 0A363B

■ C0EBF0

■ 002125

■ DCFFFF

■ 000211

■ F9FFFF

■ 000000

■ 567E83

■ 567E83

■ 497D83

■ 637F83

■ 3C7B83

■ 708183

■ 2F7A83

■ 7D8283

■ 227883

■ 8A8483

■ 157783

■ 978583

■ 077583

■ A58783

■ 007483

■ B28883

■ BF8A83

■ CC8B83

Harmonies

Analogous

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



5A7E77



567E83



5C7C8C

Triad

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



567E83



877184



81765F

Complementary

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



567E83



835B56

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.



8B7262



567E83



8F6F78

Square

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



567E83



79748D



916F6C



747A62

Rectangle

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



567E83



647A8F



916F6C



85755F

Sweetspot

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



567E83



9AA9AB



56835A



4C5657



D6D6D6



575757

Same Dimension

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



567E83



65A3AB



566883



3C4242



007482



000203

Inverse Universe

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



83567E



AB65A3



837156



423C42



820074



030002

Previews

White Background



This preview shows how the Hex color 567E83 looks on a white background.

Color Contrast Check

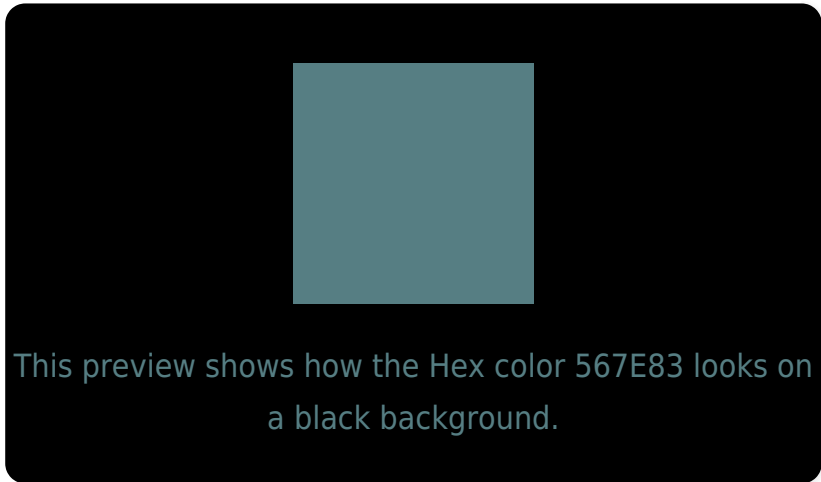
Large Text (above 18pt) WCAG AA ✓ Pass

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

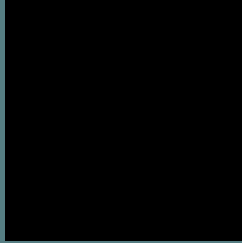
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

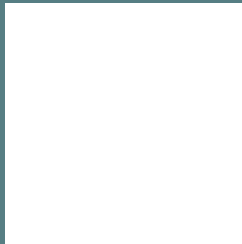
Any Text WCAG AAA × Fail

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

Hex 567E83 Background



This preview shows how black text looks on a background with the Hex color 567E83.

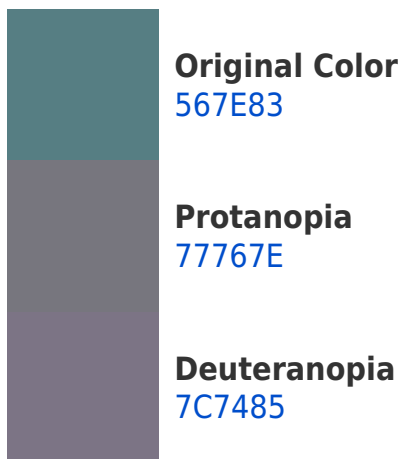


This preview shows how white text looks on a background with the Hex color 567E83.

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](#).

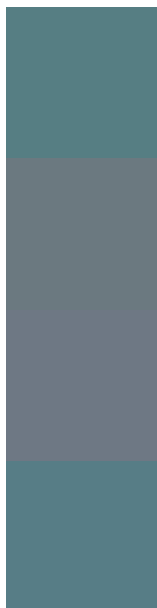
Dichromacy





Tritanopia
577D87

Trichromacy



Original Color

567E83

Protanomaly

6B7980

Deuteranomaly

6E7884

Tritanomaly

577D86

Monochromacy



Original Color

567E83

Achromatopsia

737373

Achromatomaly

687779

CSS Examples

Text

The CSS property to change the color of the text to Hex 567E83 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 #567E83 looks like.

```
.text, #text, p{  
    color:#567E83  
}
```

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 #567E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567E83
}
```

Border

The CSS property to change the border of an element to Hex 567E83 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
#567E83 }
```

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

```
.border{ border-color:#567E83 }
```

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

Here you see how a box with a 4 pixel #567E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567E83; -webkit-box-shadow:4px 4px  
4px 4px #567E83; box-shadow:4px 4px 4px  
4px #567E83 }
```

Background

The CSS property to change the background color of an element to Hex 567E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567E83 }
```

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

```
.background{ background-color:#567E83 }
```

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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