

Converting Colors

Hex(566E7D)

Have a look what the booklet for
Hex(566E7D) contains.

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Color

Hex(566E7D)

Conversions

Conversions Part 1

Format	Color
Hex	566E7D
RGB	86, 110, 125
RGB Percent	34%, 43%, 49%
CMY	0.6627, 0.5686, 0.5098
CMYK	0.31, 0.12, 0.00, 0.51
HSL	203°, 18%, 41%
HSV	203°, 31%, 49%
XYZ	13.1154, 14.6110, 21.5310
YIQ	104.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

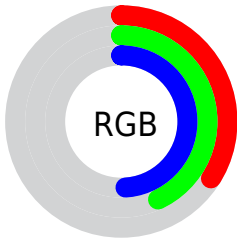
Format	Color
R_{YB}	86, 101, 125
Decimal	5664381
CIE _{Lab}	45.10, -4.97, -11.18
CIE _{LCh}	45, 12.236, 246.021
Yxy	14.6110, 0.2663, 0.2966
Android (android.graphics.Color)	4283854461 (0xFF566E7D)
YUV	104.5340, 10.0897, -16.2543
Hunter-Lab	38.2243, -5.6464, -6.6399

Details


The Hex color **566E7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6556**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **89A2B2**, and **273E4C** is the 20% darker color. If you saturate the color by 10%, you get **4A697D**, and if you desaturate by 10%, it is **63737D**.

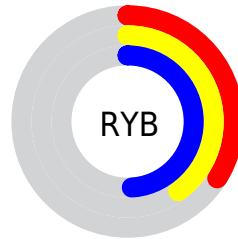
Distribution



 Red (34%)

 Green (43%)

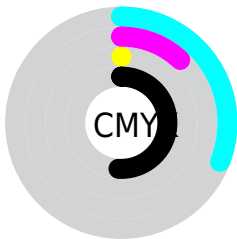
 Blue (49%)




 Red (34%)

 Yellow (40%)

 Blue (49%)

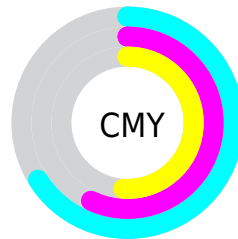



 Cyan (31%)

 Magenta (12%)

 Yellow (0%)

 Black (51%)



 Cyan (66%)

 Magenta (57%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566E7D 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 566E7D by changing the saturation by 10% instead.

■ 566E7D

■ 566E7D

FFFFFF

■ 3E5664

■ 89A2B2

■ 273E4C

■ A3BDCD

■ 0F2935

■ BFD8E9

■ 001420

■ DBF5FF

■ 000007

■ F7FFFF

■ 000000

■ 566E7D

■ 566E7D

■ 4A697D

■ 63737D

■ 3D647D

■ 6F787D

■ 31607D

■ 7C7C7D

■ 245B7D

■ 88817D

■ 18567D

■ 95867D

■ 0B517D

■ A18B7D

■ 004D7D

■ AE907D

■ BA947D

■ C7997D

Harmonies

Analogous

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



507076



566E7D



626B7F

Triad

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



566E7D



806469



656E5A

Complementary

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



566E7D



7D6556

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.



716B56



566E7D



7F655F

Square

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



566E7D



7A6573



7A6758



5A7062

Rectangle

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



566E7D



6B697D



7A6758



696D58

Sweetspot

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



566E7D



959EA3



567D65



494E52



D1D1D1



525252

Same Dimension

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



566E7D



678CA3



565B7D



393D40



004E80



000000

Inverse Universe

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



7D566E



A3678C



7D7856



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 566E7D looks on a white background.

Color Contrast Check

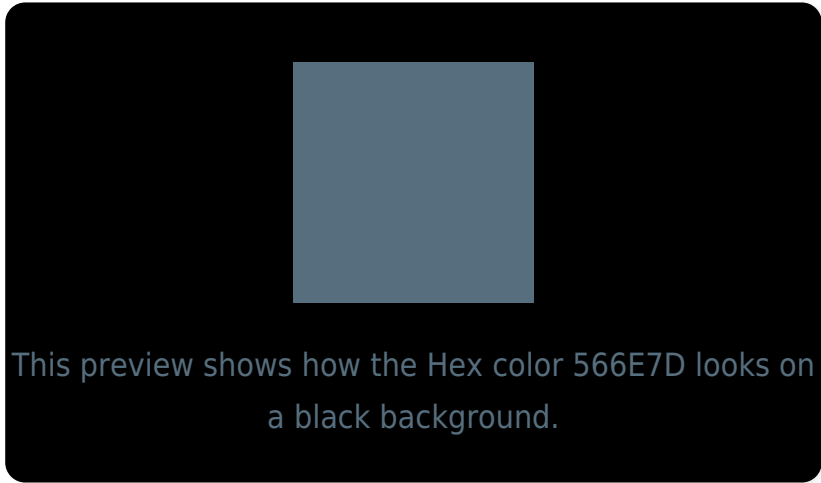
Large Text (above 18pt) WCAG AA ✓ Pass

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

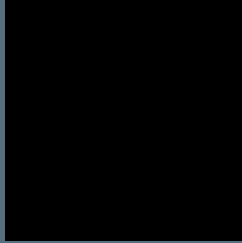
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

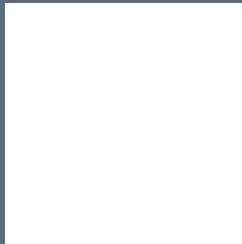
Any Text WCAG AAA × Fail

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

Hex 566E7D Background



This preview shows how black text looks on a background with the Hex color 566E7D.



This preview shows how white text looks on a background with the Hex color 566E7D.

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
566E7D

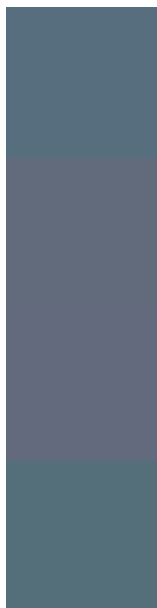
Protanopia
686A7A

Deuteranopia
6B687E



Tritanopia
556F78

Trichromacy



Original Color

566E7D

Protanomaly

616B7B

Deuteranomaly

636A7E

Tritanomaly

556F7A

Monochromacy



Original Color

566E7D

Achromatopsia

696969

Achromatomaly

626B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 566E7D 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 #566E7D looks like.

```
.text, #text, p{  
    color:#566E7D  
}
```

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 #566E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566E7D
}
```

Border

The CSS property to change the border of an element to Hex 566E7D 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
#566E7D }
```

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

```
.border{ border-color:#566E7D }
```

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

Here you see how a box with a 4 pixel #566E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566E7D; -webkit-box-shadow:4px 4px  
4px 4px #566E7D; box-shadow:4px 4px 4px  
4px #566E7D }
```

Background

The CSS property to change the background color of an element to Hex 566E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566E7D }
```

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

```
.background{ background-color:#566E7D }
```

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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