

Converting Colors

Hex(566C7E)

Have a look what the booklet for
Hex(566C7E) contains.

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Color

Hex(566C7E)

Conversions

Conversions Part 1

Format	Color
Hex	566C7E
RGB	86, 108, 126
RGB Percent	34%, 42%, 49%
CMY	0.6627, 0.5765, 0.5059
CMYK	0.32, 0.14, 0.00, 0.51
HSL	207°, 19%, 42%
HSV	207°, 32%, 49%
XYZ	12.9662, 14.2099, 21.7981
YIQ	103.4740, -18.8900, 0.9340

Conversions

Conversions Part 2

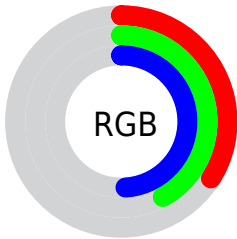
Format	Color
R_{YB}	86, 100, 126
Decimal	5663870
CIE _{Lab}	44.53, -3.52, -12.63
CIE _{LCh}	45, 13.115, 254.413
Yxy	14.2099, 0.2648, 0.2902
Android (android.graphics.Color)	4283853950 (0xFF566C7E)
YUV	103.4740, 11.1053, -15.3247
Hunter-Lab	37.6960, -4.5699, -7.8977

Details

The Hex color **566C7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E6856**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **899FB3**, and **273D4D** is the 20% darker color. If you saturate the color by 10%, you get **49667E**, and if you desaturate by 10%, it is **63727E**.

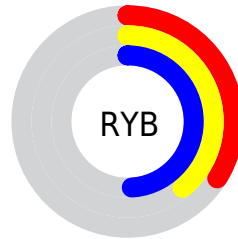
Distribution



Red (34%)

Green (42%)

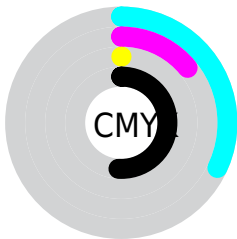
Blue (49%)



Red (34%)

Yellow (39%)

Blue (49%)

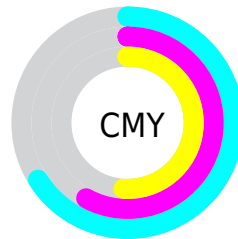


Cyan (32%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566C7E 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 566C7E by changing the saturation by 10% instead.

■ 566C7E

■ 566C7E

FFFFFF

■ 3E5465

■ 899FB3

■ 273D4D

■ A3BACE

■ 0F2736

■ BFD6EA

■ 001221

■ DBF2FF

■ 000008

■ F7FFFF

■ 000000

■ 566C7E

■ 566C7E

■ 49667E

■ 63727E

■ 3D617E

■ 6F777E

■ 305B7E

■ 7C7D7E

■ 24557E

■ 88837E

■ 17507E

■ 95887E

■ 0A4A7E

■ A28E7E

■ 00457E

■ AE947E

■ BB997E

■ C79F7E

Harmonies

Analogous

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



4D6F78



566C7E



64687E

Triad

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



566C7E



806264



606D5A

Complementary

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



566C7E



7E6856

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.



6C6A54



566C7E



7E635B

Square

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



566C7E



7C626F



776755



546F63

Rectangle

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



566C7E



6D667B



776755



646C57

Sweetspot

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



566C7E



939CA3



567E68



484D52



D1D1D1



525252

Same Dimension

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



566C7E



6587A3



56587E



393D40



004680



000000

Inverse Universe

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



7E566C



A36587



7E7C56



40393D



800046



000000

Previews

White Background



This preview shows how the Hex color 566C7E looks on a white background.

Color Contrast Check

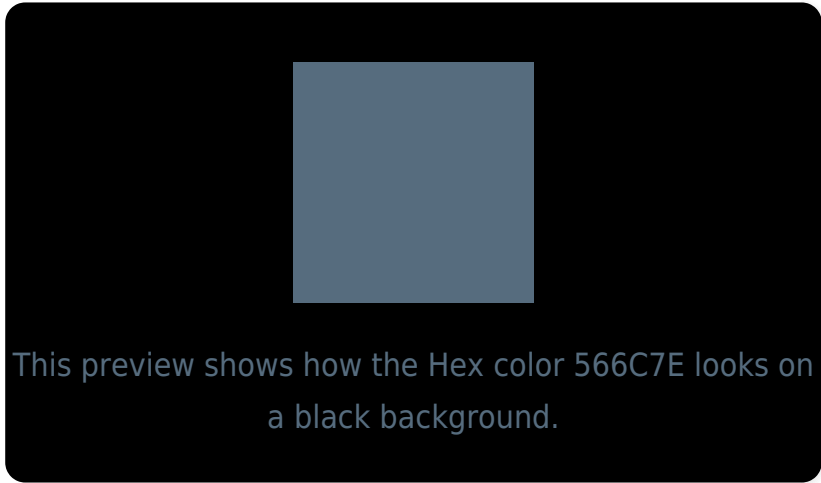
Large Text (above 18pt) WCAG AA ✓ Pass

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

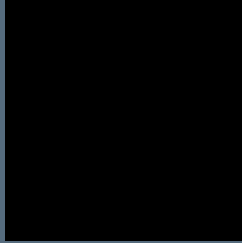
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

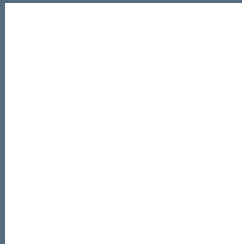
Any Text WCAG AAA × Fail

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

Hex 566C7E Background



This preview shows how black text looks on a background with the Hex color 566C7E.




This preview shows how white text looks on a background with the Hex color 566C7E.

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](#).

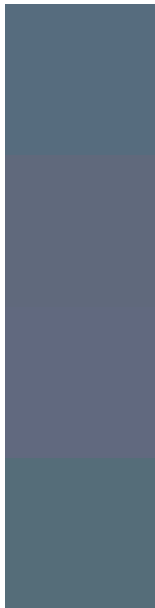
Dichromacy





Tritanopia
546D76

Trichromacy



Original Color
566C7E

Protanomaly
60697C

Deuteranomaly
61697F

Tritanomaly
556D79

Monochromacy



Original Color
566C7E

Achromatopsia
676767

Achromatomaly
61696F

CSS Examples

Text

The CSS property to change the color of the text to Hex 566C7E 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 #566C7E looks like.

```
.text, #text, p{  
    color:#566C7E  
}
```

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 #566C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566C7E
}
```

Border

The CSS property to change the border of an element to Hex 566C7E 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
#566C7E }
```

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

```
.border{ border-color:#566C7E }
```

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

Here you see how a box with a 4 pixel #566C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566C7E; -webkit-box-shadow:4px 4px  
4px 4px #566C7E; box-shadow:4px 4px 4px  
4px #566C7E }
```

Background

The CSS property to change the background color of an element to Hex 566C7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566C7E }
```

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

```
.background{ background-color:#566C7E }
```

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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