

Converting Colors

Hex(566B77)

Have a look what the booklet for
Hex(566B77) contains.

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Color

Hex(566B77)

Conversions

Conversions Part 1

Format	Color
Hex	566B77
RGB	86, 107, 119
RGB Percent	34%, 42%, 47%
CMY	0.6627, 0.5804, 0.5333
CMYK	0.28, 0.10, 0.00, 0.53
HSL	202°, 16%, 40%
HSV	202°, 28%, 47%
XYZ	12.4252, 13.8257, 19.4665
YIQ	102.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

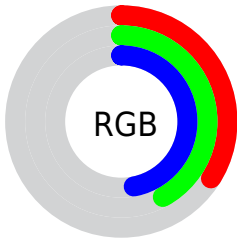
Format	Color
R_{YB}	86, 99, 119
Decimal	5663607
CIE _{Lab}	43.98, -4.78, -9.25
CIE _{LCh}	44, 10.415, 242.669
Yxy	13.8257, 0.2718, 0.3024
Android (android.graphics.Color)	4283853687 (0xFF566B77)
YUV	102.0890, 8.3371, -14.1101
Hunter-Lab	37.1830, -5.4219, -5.0122

Details

The Hex color **566B77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776256**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **889EAB**, and **273C47** is the 20% darker color. If you saturate the color by 10%, you get **4A6777**, and if you desaturate by 10%, it is **626F77**.

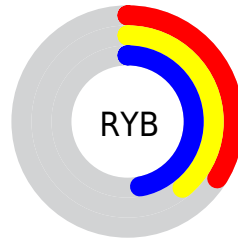
Distribution



Red (34%)

Green (42%)

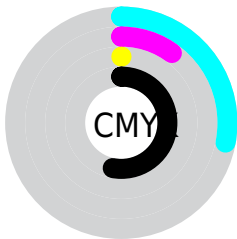
Blue (47%)



Red (34%)

Yellow (39%)

Blue (47%)

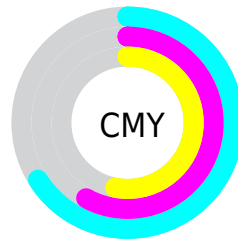


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (53%)



Cyan (66%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566B77 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 566B77 by changing the saturation by 10% instead.

■ 566B77

■ 566B77

FFFFFF

■ 3E535E

■ 889EAB

■ 273C47

■ A3B9C6

■ 112630

■ BED5E2

■ 00111B

■ DAF1FF

■ 000000

■ F7FFFF

■ 566B77

■ 566B77

■ 4A6777

■ 626F77

■ 3E6277

■ 6E7477

■ 325E77

■ 7A7877

■ 265A77

■ 867C77

■ 1A5577

■ 928177

■ 0F5177

■ 9D8577

■ 034D77

■ A98977

■ 004C77

■ B58E77

■ C19277

Harmonies

Analogous

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



526D71



566B77



5F6879

Triad

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



566B77



796267



646A59

Complementary

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



566B77



776256

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.



6E6857



566B77



7A635F

Square

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



566B77



746370



766559



5B6C60

Rectangle

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



566B77



676678



766559



686958

Sweetspot

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



566B77



8F979C



567762



474C4F



CFCFCF



4F4F4F

Same Dimension

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



566B77



68899C



565B77



35393B



004E7A



009FFA

Inverse Universe

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



77566B



9C6889



777256



3B3539



7A004E



FA009F

Previews

White Background



This preview shows how the Hex color 566B77 looks on a white background.

Color Contrast Check

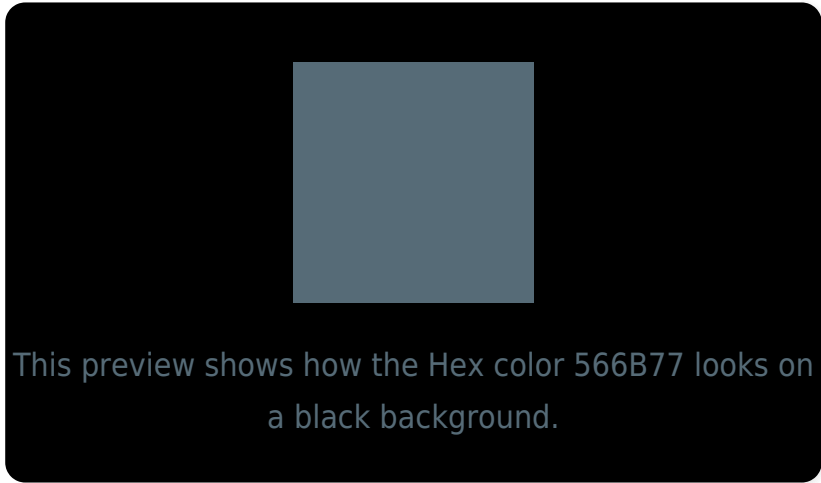
Large Text (above 18pt) WCAG AA ✓ Pass

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

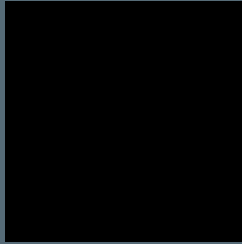
Any Text WCAG AA × Fail

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 566B77 Background



This preview shows how black text looks on a background with the Hex color 566B77.

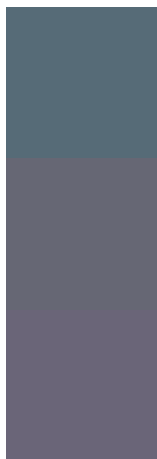


This preview shows how white text looks on a background with the Hex color 566B77.

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
566B77

Protanopia
666774

Deuteranopia
6A6578



Tritanopia
556B74

Trichromacy



Original Color
566B77

Protanomaly
606875

Deuteranomaly
636778

Tritanomaly
556B75

Monochromacy



Original Color
566B77

Achromatopsia
666666

Achromatomaly
60686C

CSS Examples

Text

The CSS property to change the color of the text to Hex 566B77 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 #566B77 looks like.

```
.text, #text, p{  
    color:#566B77  
}
```

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 #566B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566B77
}
```

Border

The CSS property to change the border of an element to Hex 566B77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

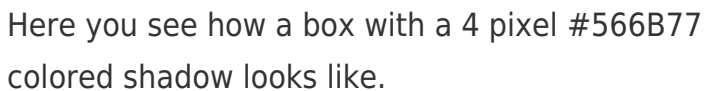
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#566B77 }
```

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

```
.border{ border-color:#566B77 }
```

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



Here you see how a box with a 4 pixel #566B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566B77; -webkit-box-shadow:4px 4px  
4px 4px #566B77; box-shadow:4px 4px 4px  
4px #566B77 }
```

Background

The CSS property to change the background color of an element to Hex 566B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566B77 }
```

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

```
.background{ background-color:#566B77 }
```

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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