

Converting Colors

Hex(686B78)

Have a look what the booklet for
Hex(686B78) contains.

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Color

Hex(686B78)

Conversions

Conversions Part 1

Format	Color
Hex	686B78
RGB	104, 107, 120
RGB Percent	41%, 42%, 47%
CMY	0.5922, 0.5804, 0.5294
CMYK	0.13, 0.11, 0.00, 0.53
HSL	229°, 7%, 44%
HSV	229°, 13%, 47%
XYZ	14.3568, 14.8145, 19.8721
YIQ	107.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

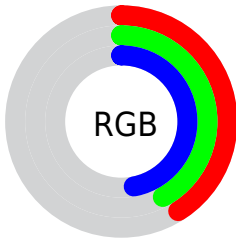
Format	Color
R_{YB}	104, 107, 120
Decimal	6843256
CIE Lab	45.38, 1.72, -7.62
CIE LCh	45, 7.812, 282.702
Yxy	14.8145, 0.2927, 0.3021
Android (android.graphics.Color)	4285033336 (0xFF686B78)
YUV	107.5850, 6.1206, -3.1440
Hunter-Lab	38.4896, -0.7756, -3.6685

Details

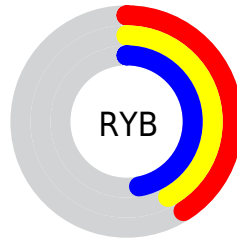
The Hex color **686B78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787568**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9B9EAC**, and **393C48** is the 20% darker color. If you saturate the color by 10%, you get **5C6178**, and if you desaturate by 10%, it is **747578**.

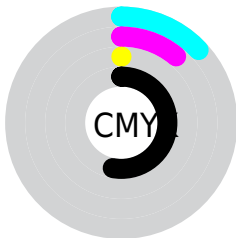
Distribution



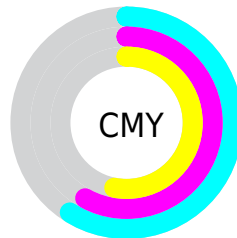
- Red (41%)
- Green (42%)
- Blue (47%)



- Red (41%)
- Yellow (42%)
- Blue (47%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686B78 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 686B78 by changing the saturation by 10% instead.

■ 686B78

■ 686B78

FFFFFF

■ 50535F

■ 9B9EAC

■ 393C48

■ B6B9C8

■ 232631

■ D2D5E4

■ 0E111C

■ EEF1FF

■ 000000

■ 686B78

■ 686B78

■ 5C6178

■ 747578

■ 505778

■ 807E78

■ 444E78

■ 8C8878

■ 384478

■ 989278

■ 2C3A78

■ A49C78

■ 203178

■ B0A578

■ 142778

■ BCAF78

■ 081D78

■ C8B978

■ 001678

■ D4C378

Harmonies

Analogous

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



606D78



686B78



706975

Triad

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



686B78



796863



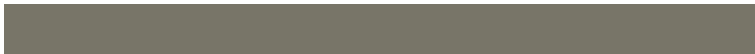
606F67

Complementary

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



686B78



787568

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.



666E62



686B78



746A5F

Square

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



686B78



796769



6E6C5F



5C6F6E

Rectangle

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



686B78



756871



6E6C5F



626F65

Sweetspot

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



686B78



95969C



687875



4B4C4F



CFCFCF



4F4F4F

Same Dimension

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



686B78



83879C



6D6878



37383D



00177D



002FFC

Inverse Universe

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



78686B



9C8387



737868



3D3738



7D0017



FC002F

Previews

White Background



This preview shows how the Hex color 686B78 looks on a white background.

Color Contrast Check

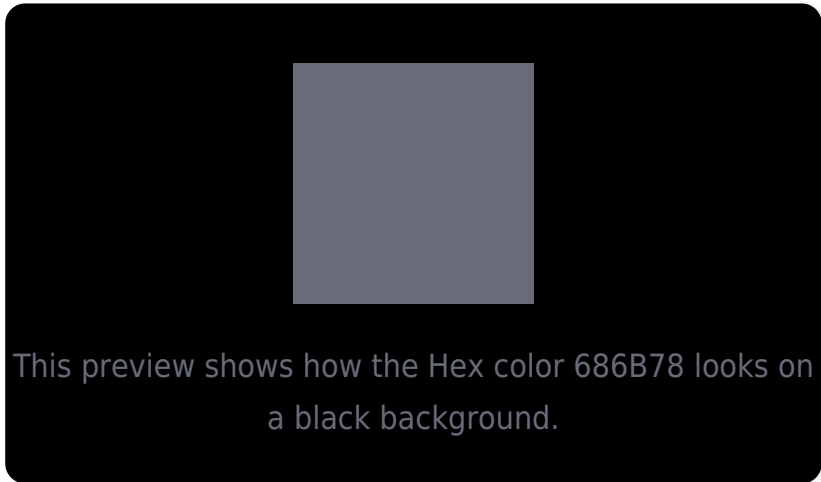
Large Text (above 18pt) WCAG AA ✓ Pass

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

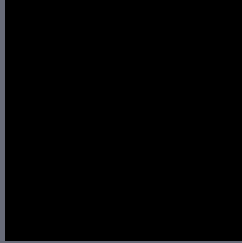
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

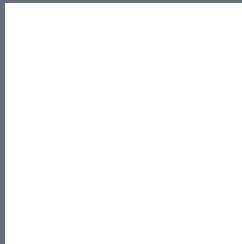
Any Text WCAG AAA × Fail

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

Hex 686B78 Background



This preview shows how black text looks on a background with the Hex color 686B78.

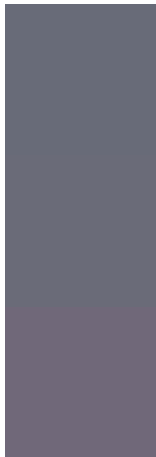


This preview shows how white text looks on a background with the Hex color 686B78.

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
686B78

Protanopia
6A6B78

Deuteranopia
706879



Tritanopia
676C74

Trichromacy



Original Color

686B78

Protanomaly

696B78

Deuteranomaly

6D6979

Tritanomaly

676C75

Monochromacy



Original Color

686B78

Achromatopsia

6C6C6C

Achromatomaly

6B6C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 686B78 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 #686B78 looks like.

```
.text, #text, p{  
    color:#686B78  
}
```

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 #686B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686B78
}
```

Border

The CSS property to change the border of an element to Hex 686B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

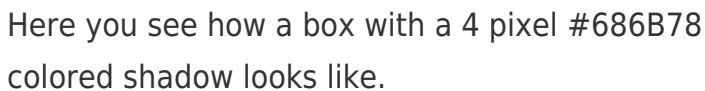
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686B78 }
```

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

```
.border{ border-color:#686B78 }
```

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



Here you see how a box with a 4 pixel #686B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686B78; -webkit-box-shadow:4px 4px  
4px 4px #686B78; box-shadow:4px 4px 4px  
4px #686B78 }
```

Background

The CSS property to change the background color of an element to Hex 686B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686B78 }
```

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

```
.background{ background-color:#686B78 }
```

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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