

Converting Colors

Hex(686980)

Have a look what the booklet for
Hex(686980) contains.

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Color

Hex(686980)

Conversions

Conversions Part 1

Format	Color
Hex	686980
RGB	104, 105, 128
RGB Percent	41%, 41%, 50%
CMY	0.5922, 0.5882, 0.4980
CMYK	0.19, 0.18, 0.00, 0.50
HSL	238°, 10%, 45%
HSV	238°, 19%, 50%
XYZ	14.6568, 14.6047, 22.4686
YIQ	107.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

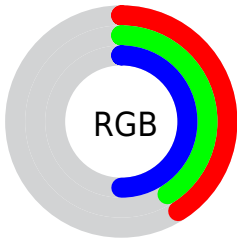
Format	Color
R_{YB}	104, 105, 128
Decimal	6842752
CIE Lab	45.09, 4.81, -12.86
CIE LCh	45, 13.734, 290.521
Yxy	14.6047, 0.2833, 0.2823
Android (android.graphics.Color)	4285032832 (0xFF686980)
YUV	107.3230, 10.1938, -2.9143
Hunter-Lab	38.2161, 1.5807, -8.1073

Details

The Hex color **686980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807F68**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9B9CB5**, and **393A4F** is the 20% darker color. If you saturate the color by 10%, you get **5B5D80**, and if you desaturate by 10%, it is **757580**.

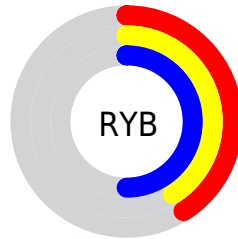
Distribution



Red (41%)

Green (41%)

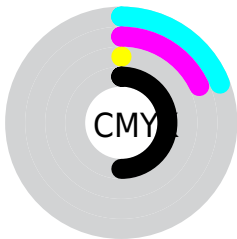
Blue (50%)



Red (41%)

Yellow (41%)

Blue (50%)

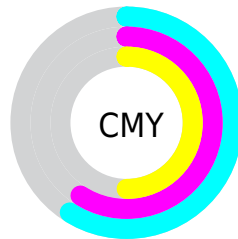


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (50%)



Cyan (59%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686980 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 686980 by changing the saturation by 10% instead.

686980

686980

FFFFFF

505167

9B9CB5

393A4F

B6B7D0

222438

D2D3ED

0E0F22

EEEEFF

00000B

000000

686980

686980

5B5D80

757580

4E5080

828280

424480

8E8E80

353880

9B9A80

282C80

A8A680

1B1F80

B5B380

0E1380

C2BF80

020780

CECB80

000580

DBD780

Harmonies

Analogous

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



596D81



686980



766579

Triad

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



686980



7F6559



527167

Complementary

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



686980



807F68

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.



5E6F5C



686980



776954

Square

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



686980



836363



6B6C55



4C7172

Rectangle

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



686980



7D6473



6B6C55



567163

Sweetspot

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



686980



9C9CA6



68807F



4E4F54



D4D4D4



545454

Same Dimension

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



686980



8081A6



736880



393A40



000580



000000

Inverse Universe

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



806869



A68081



758068



40393A



800005



000000

Previews

White Background



This preview shows how the Hex color 686980 looks on a white background.

Color Contrast Check

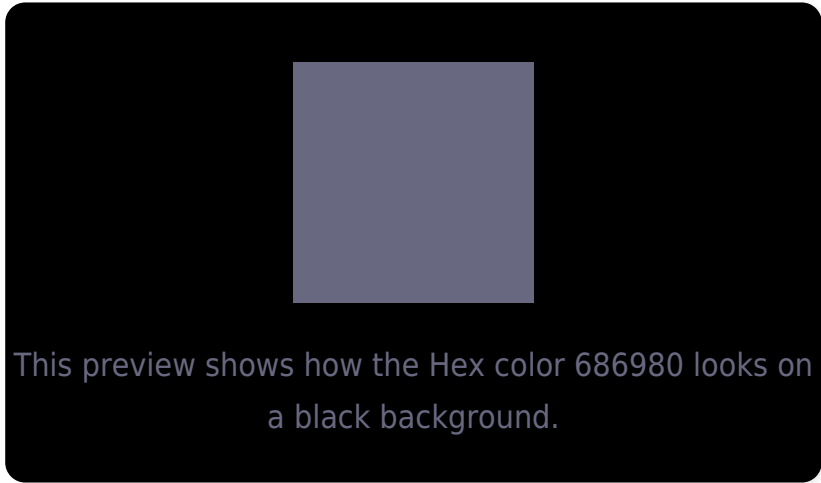
Large Text (above 18pt) WCAG AA ✓ Pass

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

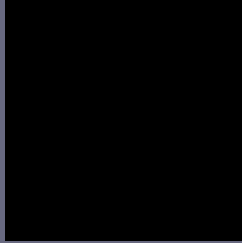
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

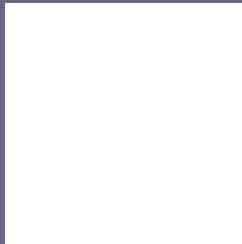
Any Text WCAG AAA × Fail

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

Hex 686980 Background



This preview shows how black text looks on a background with the Hex color 686980.



This preview shows how white text looks on a background with the Hex color 686980.

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
686980

Protanopia
666A80

Deuteranopia
6A6880



Tritanopia
666B74

Trichromacy



Original Color
686980

Protanomaly
676A80

Deuteranomaly
696880

Tritanomaly
676A78

Monochromacy



Original Color
686980

Achromatopsia
6B6B6B

Achromatomaly
6A6A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 686980 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 #686980 looks like.

```
.text, #text, p{  
    color:#686980  
}
```

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 #686980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686980
}
```

Border

The CSS property to change the border of an element to Hex 686980 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
#686980 }
```

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

```
.border{ border-color:#686980 }
```

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

Here you see how a box with a 4 pixel #686980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686980; -webkit-box-shadow:4px 4px  
4px 4px #686980; box-shadow:4px 4px 4px  
4px #686980 }
```

Background

The CSS property to change the background color of an element to Hex 686980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686980 }
```

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

```
.background{ background-color:#686980 }
```

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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