

Converting Colors

Hex(6C678C)

Have a look what the booklet for
Hex(6C678C) contains.

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Color

Hex(6C678C)

Conversions

Conversions Part 1

Format	Color
Hex	6C678C
RGB	108, 103, 140
RGB Percent	42%, 40%, 55%
CMY	0.5765, 0.5961, 0.4510
CMYK	0.23, 0.26, 0.00, 0.45
HSL	248°, 15%, 48%
HSV	248°, 26%, 55%
XYZ	15.7682, 14.7821, 26.8331
YIQ	108.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

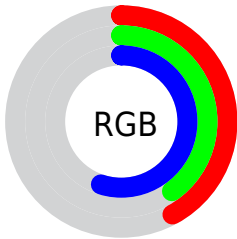
Format	Color
R_{YB}	108, 103, 140
Decimal	7104396
CIE _{Lab}	45.33, 10.37, -19.64
CIE _{LCh}	45, 22.210, 297.821
Yxy	14.7821, 0.2748, 0.2576
Android (android.graphics.Color)	4285294476 (0xFF6C678C)
YUV	108.7130, 15.4245, -0.6253
Hunter-Lab	38.4475, 5.9239, -14.4662

Details

The Hex color **6C678C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **878C67**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A09AC2**, and **3C385A** is the 20% darker color. If you saturate the color by 10%, you get **60598C**, and if you desaturate by 10%, it is **78758C**.

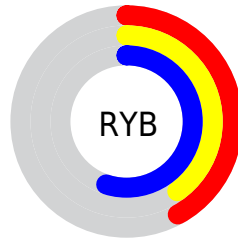
Distribution



Red (42%)

Green (40%)

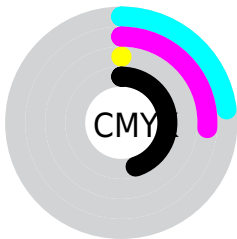
Blue (55%)



Red (42%)

Yellow (40%)

Blue (55%)

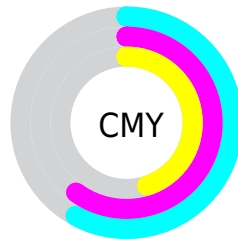


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C678C 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 6C678C by changing the saturation by 10% instead.

■ 6C678C

■ 6C678C

FFFFFF

■ 534F72

■ A09AC2

■ 3C385A

■ BBB5DE

■ 252342

■ D7D0FA

■ 100D2C

■ F4EDFF

■ 000117

■ 000000

■ 6C678C

■ 6C678C

■ 60598C

■ 78758C

■ 544B8C

■ 84838C

483D8C

90918C

3C2F8C

9C9F8C

2F218C

A9AD8C

23138C

B5BB8C

17058C

C1C98C

13008C

CDD78C

D9E58C

Harmonies

Analogous

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



516D90



6C678C



82617F

Triad

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



6C678C



88634D



3B7569

Complementary

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



6C678C



878C67

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.



517357



6C678C



796A46

Square

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



6C678C



905F5B



666F4A



2E757C

Rectangle

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



6C678C



8B5E74



666F4A



427563

Sweetspot

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



6C678C



A9A7B5



67878C



54535C



DBDBDB



5C5C5C

Same Dimension

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



6C678C



837BB5



7E678C



3F3E45



120085



010005

Inverse Universe

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



8C6787



B57BAD



758C67



453E44



850073



050004

Previews

White Background



This preview shows how the Hex color 6C678C looks on a white background.

Color Contrast Check

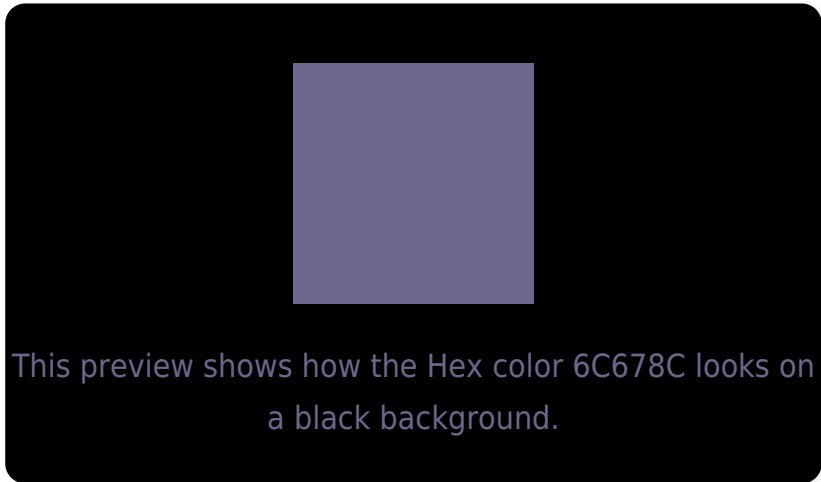
Large Text (above 18pt) WCAG AA ✓ Pass

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

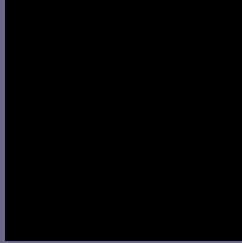
Any Text WCAG AA × Fail

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 6C678C Background



This preview shows how black text looks on a background with the Hex color 6C678C.



This preview shows how white text looks on a background with the Hex color 6C678C.

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
6C678C

Protanopia
616A8E

Deuteranopia
64698B



Tritanopia
686B74

Trichromacy



Original Color
6C678C

Protanomaly
65698D

Deuteranomaly
67688B

Tritanomaly
696A7D

Monochromacy



Original Color
6C678C

Achromatopsia
6D6D6D

Achromatomaly
6D6B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C678C 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 #6C678C looks like.

```
.text, #text, p{  
    color:#6C678C  
}
```

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 #6C678C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C678C
}
```

Border

The CSS property to change the border of an element to Hex 6C678C is called "border". The border property can be set on classes, ids or directly on the HTML element.

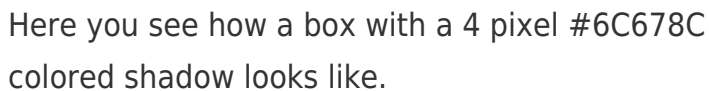
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C678C }
```

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

```
.border{ border-color:#6C678C }
```

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



Here you see how a box with a 4 pixel #6C678C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C678C; -webkit-box-shadow:4px 4px  
4px 4px #6C678C; box-shadow:4px 4px 4px  
4px #6C678C }
```

Background

The CSS property to change the background color of an element to Hex 6C678C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C678C }
```

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

```
.background{ background-color:#6C678C }
```

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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