

Converting Colors

Hex(66698B)

Have a look what the booklet for
Hex(66698B) contains.

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Color

Hex(66698B)

Conversions

Conversions Part 1

Format	Color
Hex	66698B
RGB	102, 105, 139
RGB Percent	40%, 41%, 55%
CMY	0.6000, 0.5882, 0.4549
CMYK	0.27, 0.24, 0.00, 0.45
HSL	235°, 15%, 47%
HSV	235°, 27%, 55%
XYZ	15.1913, 14.7920, 26.4806
YIQ	107.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

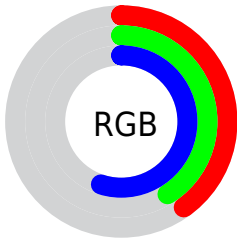
Format	Color
R_{YB}	102, 105, 139
Decimal	6711691
CIE Lab	45.35, 6.91, -19.07
CIE LCh	45, 20.282, 289.931
Yxy	14.7920, 0.2690, 0.2620
Android (android.graphics.Color)	4284901771 (0xFF66698B)
YUV	107.9790, 15.2934, -5.2436
Hunter-Lab	38.4604, 3.1991, -13.8998

Details

The Hex color **66698B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8866**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9A9CC1**, and **363A59** is the 20% darker color. If you saturate the color by 10%, you get **585C8B**, and if you desaturate by 10%, it is **74768B**.

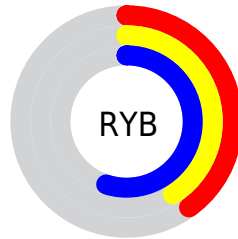
Distribution



Red (40%)

Green (41%)

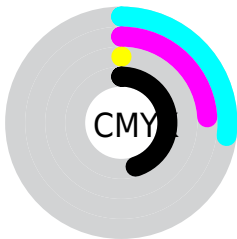
Blue (55%)



Red (40%)

Yellow (41%)

Blue (55%)

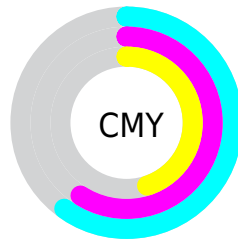


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66698B 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 66698B by changing the saturation by 10% instead.

■ 66698B

■ 66698B

FFFFFF

■ 4D5171

■ 9A9CC1

■ 363A59

■ B5B7DD

■ 1F2541

■ D0D3F9

■ 09102B

■ EDEFFF

■ 000116

■ 000000

■ 66698B

■ 66698B

■ 585C8B

■ 74768B

■ 4A4F8B

■ 82838B

■ 3C438B

■ 908F8B

■ 2E368B

■ 9E9C8B

■ 21298B

■ ABA98B

■ 131C8B

■ B9B68B

■ 05108B

■ C7C28B

■ 000B8B

■ D5CF8B

■ E3DC8B

Harmonies

Analogous

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



4E6F8C



66698B



7B6381

Triad

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



66698B



896352



457465

Complementary

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



66698B



8B8866

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.



587255



66698B



7D684A

Square

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



66698B



8E5F61



6C6E4B



387576

Rectangle

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



66698B



866077



6C6E4B



4B745F

Sweetspot

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



66698B



A7A8B5



668B88



53535C



DBDBDB



5C5C5C

Same Dimension

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



66698B



7B80B5



75668B



3E3F45



000B85



000005

Inverse Universe

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



8B6669



B57B80



7C8B66



453E3F



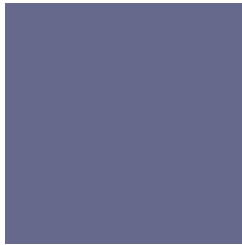
85000B



050000

Previews

White Background



This preview shows how the Hex color 66698B looks on a white background.

Color Contrast Check

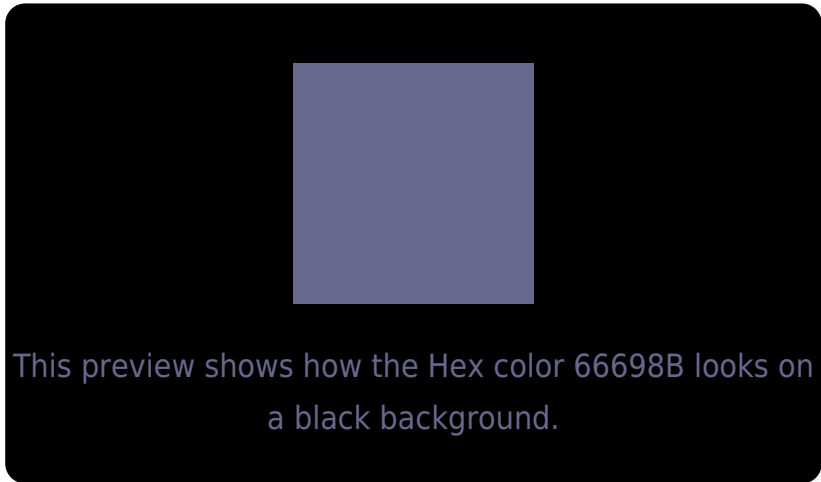
Large Text (above 18pt) WCAG AA ✓ Pass

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

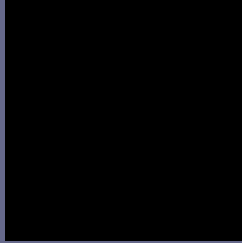
Any Text WCAG AA × Fail

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 66698B Background



This preview shows how black text looks on a background with the Hex color 66698B.



This preview shows how white text looks on a background with the Hex color 66698B.

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](#).

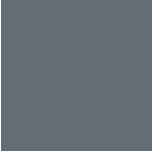
Dichromacy



Original Color
66698B

Protanopia
626A8C

Deuteranopia
65698B



Tritanopia
626D76

Trichromacy



Original Color
66698B

Protanomaly
636A8C

Deuteranomaly
65698B

Tritanomaly
636C7E

Monochromacy



Original Color
66698B

Achromatopsia
6C6C6C

Achromatomaly
6A6B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 66698B 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 #66698B looks like.

```
.text, #text, p{  
    color:#66698B  
}
```

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 #66698B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66698B
}
```

Border

The CSS property to change the border of an element to Hex 66698B is called "border". The border property can be set on classes, ids or directly on the HTML element.

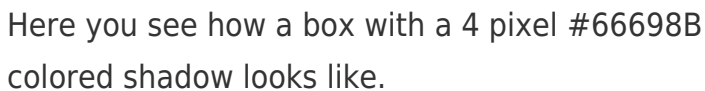
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66698B }
```

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

```
.border{ border-color:#66698B }
```

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



Here you see how a box with a 4 pixel #66698B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66698B; -webkit-box-shadow:4px 4px  
4px 4px #66698B; box-shadow:4px 4px 4px  
4px #66698B }
```

Background

The CSS property to change the background color of an element to Hex 66698B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66698B }
```

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

```
.background{ background-color:#66698B }
```

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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