

Converting Colors

Hex(66848E)

Have a look what the booklet for
Hex(66848E) contains.

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Color

Hex(66848E)

Conversions

Conversions Part 1

Format	Color
Hex	66848E
RGB	102, 132, 142
RGB Percent	40%, 52%, 56%
CMY	0.6000, 0.4824, 0.4431
CMYK	0.28, 0.07, 0.00, 0.44
HSL	195°, 16%, 48%
HSV	195°, 28%, 56%
XYZ	18.6132, 21.2803, 28.7177
YIQ	124.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

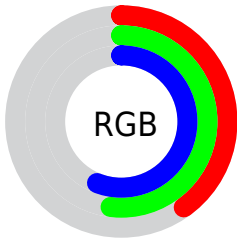
Format	Color
R_{YB}	102, 119, 142
Decimal	6718606
CIE _{Lab}	53.25, -8.16, -8.86
CIE _{LCh}	53, 12.039, 227.354
Yxy	21.2803, 0.2713, 0.3102
Android (android.graphics.Color)	4284908686 (0xFF66848E)
YUV	124.1700, 8.7902, -19.4431
Hunter-Lab	46.1306, -8.7055, -4.6184

Details

The Hex color **66848E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E7066**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9AB9C4**, and **35535C** is the 20% darker color. If you saturate the color by 10%, you get **58808E**, and if you desaturate by 10%, it is **74888E**.

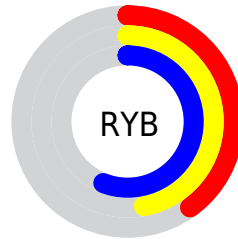
Distribution



Red (40%)

Green (52%)

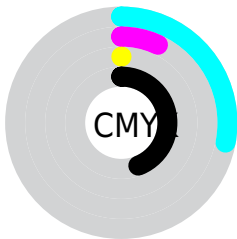
Blue (56%)



Red (40%)

Yellow (47%)

Blue (56%)

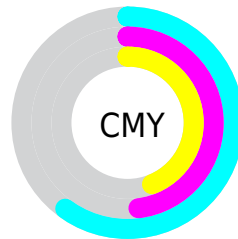


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66848E 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 66848E by changing the saturation by 10% instead.



66848E



66848E

FFFFFF



4D6B74



9AB9C4



35535C



B5D5E0



1E3B44



D1F1FC



05262E



EDFFFF



00111A



000000



66848E



66848E



58808E



74888E



4A7D8E



828B8E

■ 3B798E

■ 918F8E

■ 2D768E

■ 9F928E

■ 1F728E

■ AD968E

■ 116F8E

■ BB998E

■ 036B8E

■ C99D8E

■ 006B8E

■ D8A08E

■ E6A48E

Harmonies

Analogous

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



658585



66848E



6F8193

Triad

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



66848E



927884



81806B

Complementary

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



66848E



8E7066

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.



8C7D6B



66848E



957879

Square

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



66848E



887B8D



937A70



758371

Rectangle

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



66848E



777F94



937A70



857F6B

Sweetspot

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



66848E



A9B4B8



668E70



535A5C



DBDBDB



5C5C5C

Same Dimension

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



66848E



79A8B8



66708E



404647



006587



000608

Inverse Universe

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



8E6684



B879A8



8E8466



474046



870065



080006

Previews

White Background



This preview shows how the Hex color 66848E looks on a white background.

Color Contrast Check

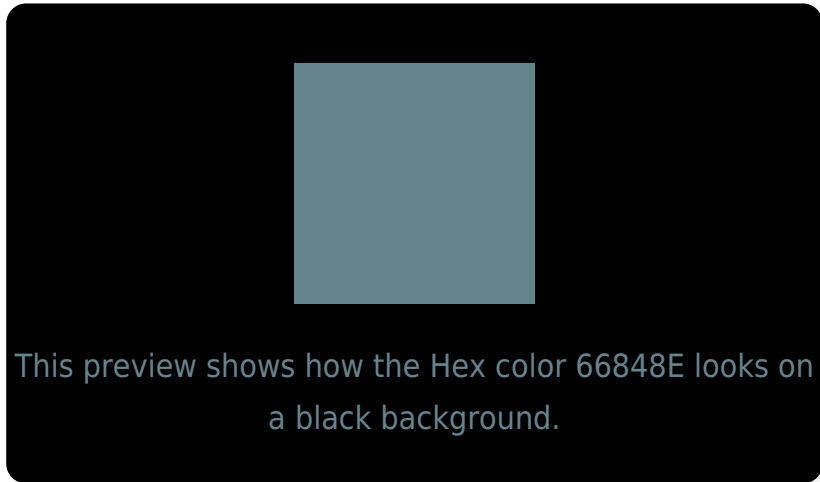
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

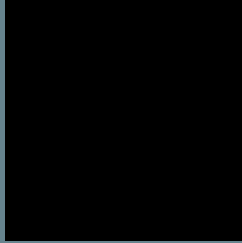
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 66848E Background



This preview shows how black text looks on a background with the Hex color 66848E.

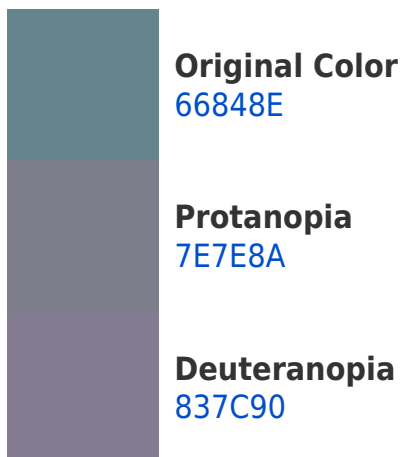


This preview shows how white text looks on a background with the Hex color 66848E.

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](#).

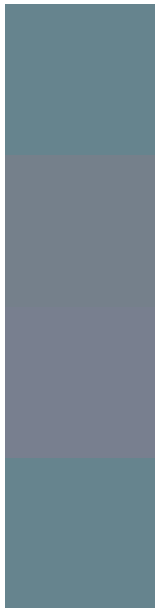
Dichromacy





Tritanopia
66848E

Trichromacy



Original Color
66848E

Protanomaly
75808B

Deuteranomaly
787F8F

Tritanomaly
66848E

Monochromacy



Original Color
66848E

Achromatopsia
7C7C7C

Achromatomaly
747F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 66848E 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 #66848E looks like.

```
.text, #text, p{  
    color:#66848E  
}
```

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 #66848E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66848E
}
```

Border

The CSS property to change the border of an element to Hex 66848E is called "border". The border property can be set on classes, ids or directly on the HTML element.

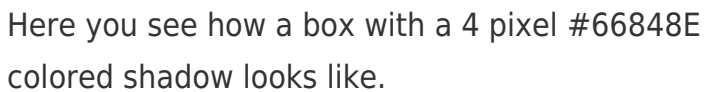
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66848E }
```

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

```
.border{ border-color:#66848E }
```

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

A rectangular box with a 4px blue shadow. The box is white with a thin blue border and a blue shadow. The shadow is a 4px wide, 4px high, 4px offset box shadow in the color #66848E. The box is positioned in the center of the page.

Here you see how a box with a 4 pixel #66848E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66848E; -webkit-box-shadow:4px 4px  
4px 4px #66848E; box-shadow:4px 4px 4px  
4px #66848E }
```

Background

The CSS property to change the background color of an element to Hex 66848E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66848E }
```

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

```
.background{ background-color:#66848E }
```

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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