

Converting Colors

Hex(63708E)

Have a look what the booklet for
Hex(63708E) contains.

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Color

Hex(63708E)

Conversions

Conversions Part 1

Format	Color
Hex	63708E
RGB	99, 112, 142
RGB Percent	39%, 44%, 56%
CMY	0.6118, 0.5608, 0.4431
CMYK	0.30, 0.21, 0.00, 0.44
HSL	222°, 18%, 47%
HSV	222°, 30%, 56%
XYZ	15.8222, 16.1940, 27.8830
YIQ	111.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

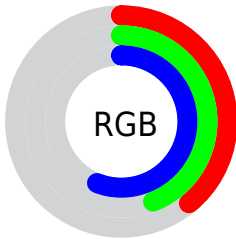
Format	Color
RYB	99, 109, 142
Decimal	6516878
CIELab	47.23, 2.52, -17.99
CIELCh	47, 18.167, 277.963
Yxy	16.1940, 0.2641, 0.2704
Android (android.graphics.Color)	4284706958 (0xFF63708E)
YUV	111.5330, 15.0202, -10.9914
Hunter-Lab	40.2417, -0.2405, -12.9121

Details

The Hex color **63708E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8E8163**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **97A4C4**, and **33405C** is the 20% darker color. If you saturate the color by 10%, you get **55668E**, and if you desaturate by 10%, it is **717A8E**.

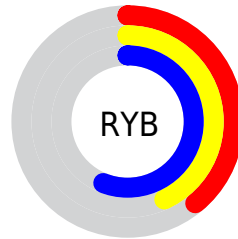
Distribution



Red (39%)

Green (44%)

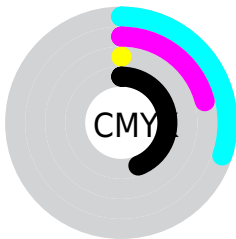
Blue (56%)



Red (39%)

Yellow (43%)

Blue (56%)

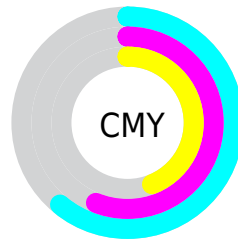


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63708E 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 63708E by changing the saturation by 10% instead.

■ 63708E

■ 63708E

FFFFFF

■ 4A5874

■ 97A4C4

■ 33405C

■ B2BFE0

■ 1B2B44

■ CDDAFC

■ 04162E

■ EAF7FF

■ 000119

■ 000000

■ 63708E

■ 63708E

■ 55668E

■ 717A8E

■ 475C8E

■ 7F848E

■ 38528E

■ 8E8E8E

■ 2A488E

■ 9C988E

■ 1C3E8E

■ AAA28E

■ 0E358E

■ B8AB8E

■ 002B8E

■ C6B58E

■ D5BF8E

■ E3C98E

Harmonies

Analogous

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



4F758C



63708E



786B88

Triad

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



63708E



8E675E



557864

Complementary

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



63708E



8E8163

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.



667558



63708E



856B54

Square

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



63708E



8F656C



777052



477974

Rectangle

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



63708E



836880



777052



5A775F

Sweetspot

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



63708E



A7ACB8



638E80



52555C



DBDBDB



5C5C5C

Same Dimension

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



63708E



7689B8



6B638E



404247



002987



000208

Inverse Universe

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



8E6370



B87689



868E63



474042



870029



080002

Previews

White Background



This preview shows how the Hex color 63708E looks on a white background.

Color Contrast Check

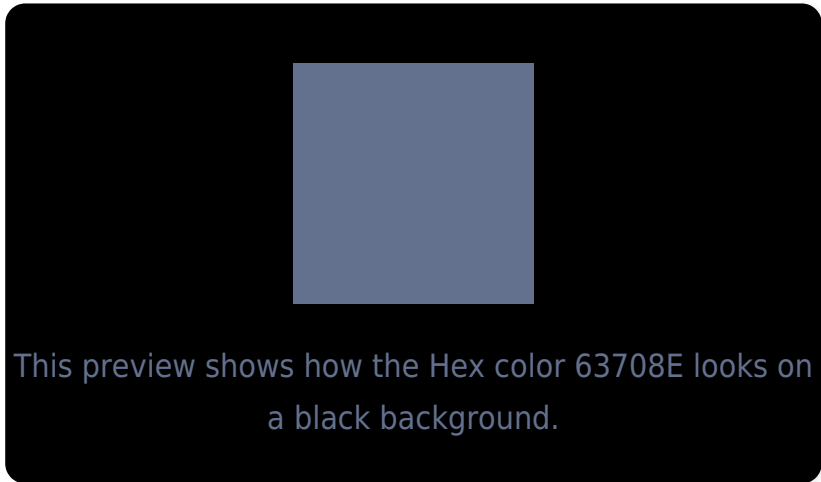
Large Text (above 18pt) WCAG AA ✓ Pass

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

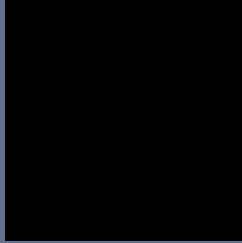
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

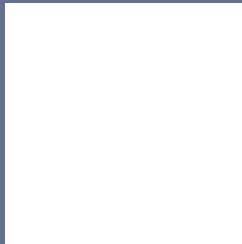
Any Text WCAG AAA × Fail

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

Hex 63708E Background



This preview shows how black text looks on a background with the Hex color 63708E.

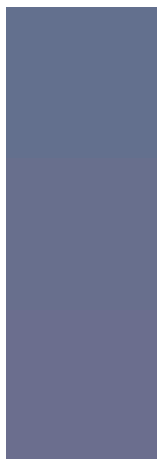


This preview shows how white text looks on a background with the Hex color 63708E.

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
63708E

Protanopia
686F8D

Deuteranopia
6B6E8E



Tritanopia
5F737C

Trichromacy



Original Color
63708E

Protanomaly
666F8D

Deuteranomaly
686F8E

Tritanomaly
607283

Monochromacy



Original Color
63708E

Achromatopsia
707070

Achromatomaly
6B707B

CSS Examples

Text

The CSS property to change the color of the text to Hex 63708E 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 #63708E looks like.

```
.text, #text, p{  
    color:#63708E  
}
```

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 #63708E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63708E
}
```

Border

The CSS property to change the border of an element to Hex 63708E is called "border". The border property can be set on classes, ids or directly on the HTML element.

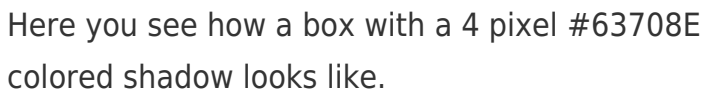
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63708E }
```

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

```
.border{ border-color:#63708E }
```

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



Here you see how a box with a 4 pixel #63708E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63708E; -webkit-box-shadow:4px 4px  
4px 4px #63708E; box-shadow:4px 4px 4px  
4px #63708E }
```

Background

The CSS property to change the background color of an element to Hex 63708E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63708E }
```

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

```
.background{ background-color:#63708E }
```

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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