

Converting Colors

Hex(63788E)

Have a look what the booklet for
Hex(63788E) contains.

Hex(63788E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63788E)

Conversions

Conversions Part 1

Format	Color
Hex	63788E
RGB	99, 120, 142
RGB Percent	39%, 47%, 56%
CMY	0.6118, 0.5294, 0.4431
CMYK	0.30, 0.15, 0.00, 0.44
HSL	211°, 18%, 47%
HSV	211°, 30%, 56%
XYZ	16.7445, 18.0386, 28.1904
YIQ	116.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

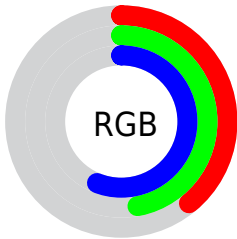
Format	Color
R _Y B	99, 113, 142
Decimal	6518926
CIE Lab	49.54, -2.22, -14.47
CIE LCh	50, 14.635, 261.284
Yxy	18.0386, 0.2659, 0.2864
Android (android.graphics.Color)	4284709006 (0xFF63788E)
YUV	116.2290, 12.7051, -15.1098
Hunter-Lab	42.4719, -3.9520, -9.6231

Details

The Hex color **63788E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E7963**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97ACC4**, and **33485C** is the 20% darker color. If you saturate the color by 10%, you get **55718E**, and if you desaturate by 10%, it is **717F8E**.

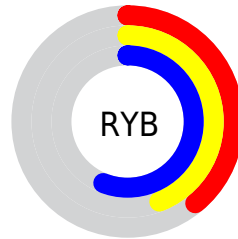
Distribution



Red (39%)

Green (47%)

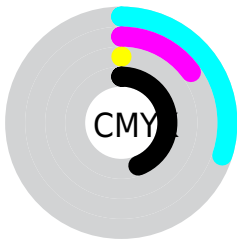
Blue (56%)



Red (39%)

Yellow (44%)

Blue (56%)

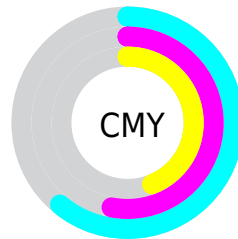


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63788E 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 63788E by changing the saturation by 10% instead.

■ 63788E

■ 63788E

FFFFFF

■ 4A5F74

■ 97ACC4

■ 33485C

■ B2C7E0

■ 1B3144

■ CEE4FC

■ 031C2E

■ EAFFFF

■ 00011A

■ 000000

■ 63788E

■ 63788E

■ 55718E

■ 717F8E

■ 47698E

■ 7F878E

■ 38628E

■ 8E8E8E

■ 2A5B8E

■ 9C958E

■ 1C548E

■ AA9C8E

■ 0E4C8E

■ B8A48E

■ 00458E

■ C6AB8E

■ D5B28E

■ E3B98E

Harmonies

Analogous

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



577B89



63788E



73748D

Triad

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



63788E



906D6D



687B66

Complementary

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



63788E



8E7963

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.



76785F



63788E



8C7063

Square

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



63788E



8D6D7A



83745D



5B7D72

Rectangle

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



63788E



7E7188



83745D



6C7A63

Sweetspot

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



63788E



A7AFB8



638E79



52575C



DBDBDB



5C5C5C

Same Dimension

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



63788E



7696B8



63638E



404447



004287



000408

Inverse Universe

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



8E6378



B87696



8E8E63



474044



870042



080004

Previews

White Background



This preview shows how the Hex color 63788E looks on a white background.

Color Contrast Check

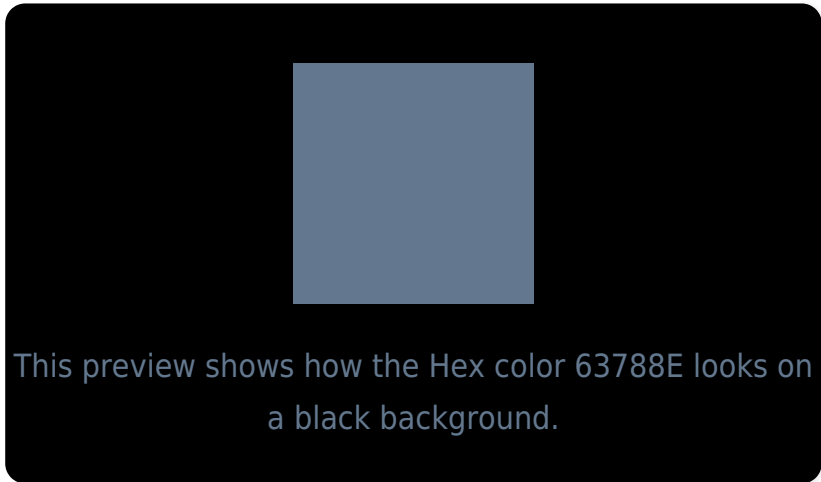
Large Text (above 18pt) WCAG AA ✓ Pass

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

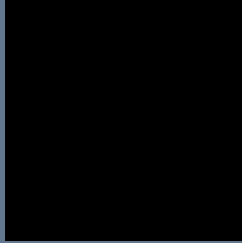
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

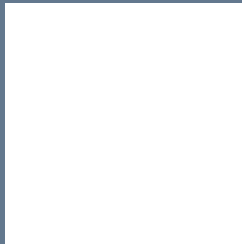
Any Text WCAG AAA × Fail

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

Hex 63788E Background



This preview shows how black text looks on a background with the Hex color 63788E.

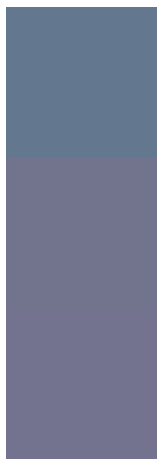


This preview shows how white text looks on a background with the Hex color 63788E.

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
63788E

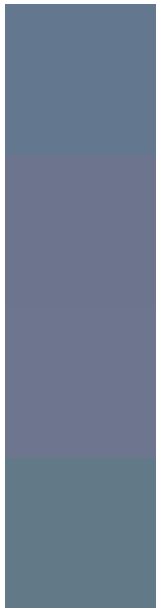
Protanopia
71748C

Deuteranopia
74738F



Tritanopia
617A84

Trichromacy



Original Color
63788E

Protanomaly
6C758D

Deuteranomaly
6E758F

Tritanomaly
627988

Monochromacy



Original Color
63788E

Achromatopsia
747474

Achromatomaly
6E757D

CSS Examples

Text

The CSS property to change the color of the text to Hex 63788E 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 #63788E looks like.

```
.text, #text, p{  
    color:#63788E  
}
```

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 #63788E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63788E
}
```

Border

The CSS property to change the border of an element to Hex 63788E is called "border". The border property can be set on classes, ids or directly on the HTML element.

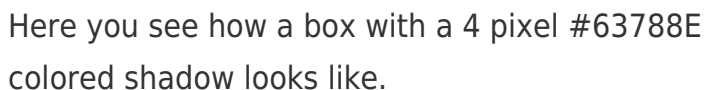
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63788E }
```

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

```
.border{ border-color:#63788E }
```

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



Here you see how a box with a 4 pixel #63788E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63788E; -webkit-box-shadow:4px 4px  
4px 4px #63788E; box-shadow:4px 4px 4px  
4px #63788E }
```

Background

The CSS property to change the background color of an element to Hex 63788E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63788E }
```

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

```
.background{ background-color:#63788E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor