

Converting Colors

Hex(63778B)

Have a look what the booklet for
Hex(63778B) contains.

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Color

Hex(63778B)

Conversions

Conversions Part 1

Format	Color
Hex	63778B
RGB	99, 119, 139
RGB Percent	39%, 47%, 55%
CMY	0.6118, 0.5333, 0.4549
CMYK	0.29, 0.14, 0.00, 0.45
HSL	210°, 17%, 47%
HSV	210°, 29%, 55%
XYZ	16.4026, 17.7104, 26.9800
YIQ	115.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

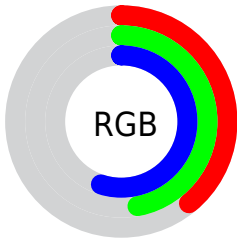
Format	Color
R_{YB}	99, 112, 139
Decimal	6518667
CIE _{Lab}	49.14, -2.41, -13.30
CIE _{LCh}	49, 13.522, 259.713
Yxy	17.7104, 0.2685, 0.2899
Android (android.graphics.Color)	4284708747 (0xFF63778B)
YUV	115.3000, 11.6841, -14.2951
Hunter-Lab	42.0837, -4.0740, -8.5525

Details

The Hex color **63778B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B7763**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **97ABC1**, and **334759** is the 20% darker color. If you saturate the color by 10%, you get **55708B**, and if you desaturate by 10%, it is **717E8B**.

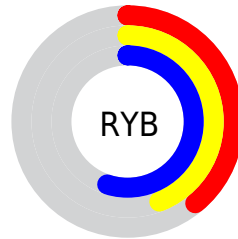
Distribution



Red (39%)

Green (47%)

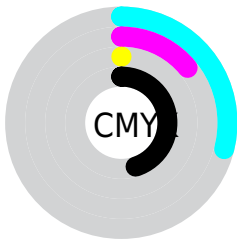
Blue (55%)



Red (39%)

Yellow (44%)

Blue (55%)

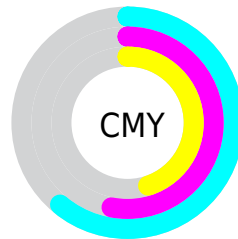


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63778B 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 63778B by changing the saturation by 10% instead.



63778B



63778B

FFFFFF



4A5E72



97ABC1



334759



B2C6DC



1C3042



CDE2F9



041C2B



EAffff



000117



000000



63778B



63778B



55708B



717E8B



47698B



7F858B

■ 39628B

■ 8D8C8B

■ 2B5B8B

■ 9B938B

■ 1E548B

■ A99A8B

■ 104D8B

■ B6A18B

■ 02468B

■ C4A88B

■ 00468B

■ D2AF8B

■ E0B68B

Harmonies

Analogous

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



587A86



63778B



72738A

Triad

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



63778B



8D6D6E



697966

Complementary

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



63778B



8B7763

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.



76765F



63778B



8A6F64

Square

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



63778B



896D79



82735E



5D7B70

Rectangle

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



63778B



7B7186



82735E



6D7963

Sweetspot

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



63778B



A5ADB5



638B77



52575C



DBDBDB



5C5C5C

Same Dimension

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



63778B



7695B5



63638B



3E4145



004285



000305

Inverse Universe

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



8B6377



B57695



8B8B63



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 63778B looks on a white background.

Color Contrast Check

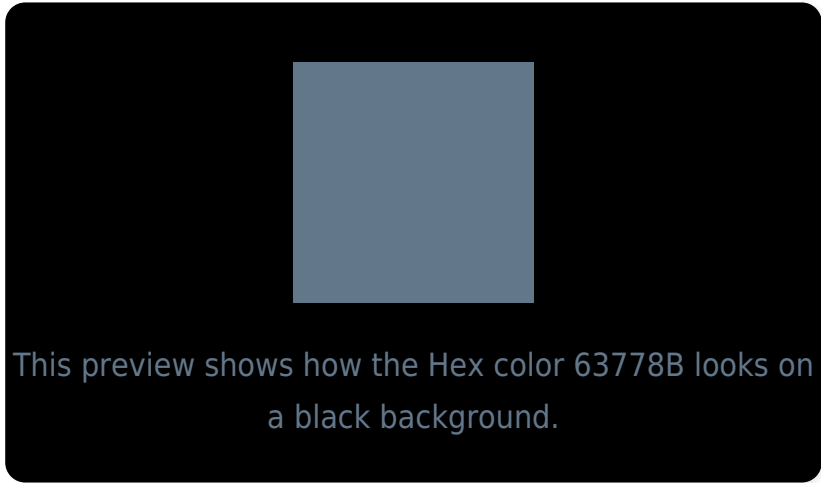
Large Text (above 18pt) WCAG AA ✓ Pass

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

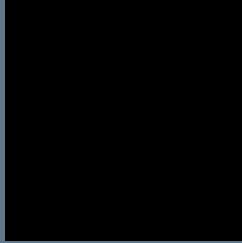
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

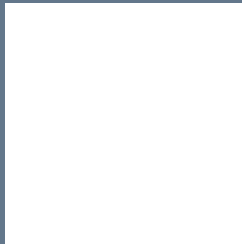
Any Text WCAG AAA × Fail

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

Hex 63778B Background



This preview shows how black text looks on a background with the Hex color 63778B.



This preview shows how white text looks on a background with the Hex color 63778B.

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
63778B

Protanopia
707489

Deuteranopia
74728C



Tritanopia
617982

Trichromacy



Original Color

63778B

Protanomaly

6B758A

Deuteranomaly

6E748C

Tritanomaly

627885

Monochromacy



Original Color

63778B

Achromatopsia

737373

Achromatomaly

6D747C

CSS Examples

Text

The CSS property to change the color of the text to Hex 63778B 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 #63778B looks like.

```
.text, #text, p{  
    color:#63778B  
}
```

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 #63778B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63778B
}
```

Border

The CSS property to change the border of an element to Hex 63778B is called "border". The border property can be set on classes, ids or directly on the HTML element.

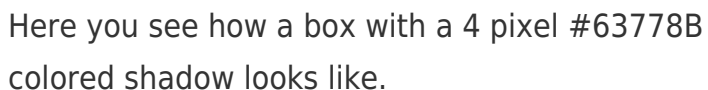
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63778B }
```

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

```
.border{ border-color:#63778B }
```

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



Here you see how a box with a 4 pixel #63778B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63778B; -webkit-box-shadow:4px 4px  
4px 4px #63778B; box-shadow:4px 4px 4px  
4px #63778B }
```

Background

The CSS property to change the background color of an element to Hex 63778B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63778B }
```

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

```
.background{ background-color:#63778B }
```

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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