

Converting Colors

Hex(61778A)

Have a look what the booklet for
Hex(61778A) contains.

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Color

Hex(61778A)

Conversions

Conversions Part 1

Format	Color
Hex	61778A
RGB	97, 119, 138
RGB Percent	38%, 47%, 54%
CMY	0.6196, 0.5333, 0.4588
CMYK	0.30, 0.14, 0.00, 0.46
HSL	208°, 17%, 46%
HSV	208°, 30%, 54%
XYZ	16.1140, 17.5700, 26.5868
YIQ	114.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

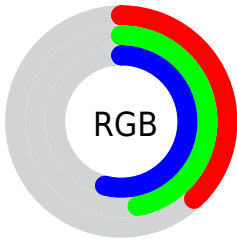
Format	Color
R_{YB}	97, 111, 138
Decimal	6387594
CIE _{Lab}	48.97, -3.31, -12.99
CIE _{LCh}	49, 13.404, 255.690
Yxy	17.5700, 0.2674, 0.2915
Android (android.graphics.Color)	4284577674 (0xFF61778A)
YUV	114.5880, 11.5421, -15.4247
Hunter-Lab	41.9166, -4.7331, -8.2648

Details

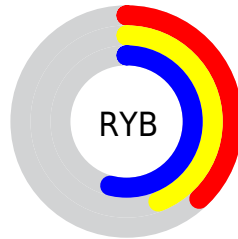
The Hex color **61778A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A7461**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **95ABBF**, and **314758** is the 20% darker color. If you saturate the color by 10%, you get **53718A**, and if you desaturate by 10%, it is **6F7D8A**.

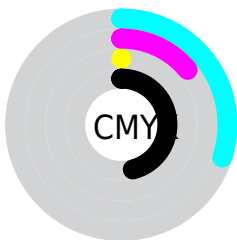
Distribution



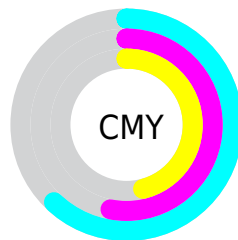
- Red (38%)
- Green (47%)
- Blue (54%)



- Red (38%)
- Yellow (44%)
- Blue (54%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (62%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61778A 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 61778A by changing the saturation by 10% instead.

61778A

61778A

FFFFFF

485E71

95ABBF

314758

AFC6DB

1A3041

CBE2F8

021C2B

E7FFFF

000116

000000

61778A

61778A

53718A

6F7D8A

456A8A

7D848A

■ 38648A

■ 8A8A8A

■ 2A5D8A

■ 98918A

■ 1C578A

■ A6978A

■ 0E518A

■ B49D8A

■ 004A8A

■ C2A48A

■ CFAA8A

■ DDB18A

Harmonies

Analogous

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



587A84



61778A



6F738A

Triad

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



61778A



8C6D6F



6A7964

Complementary

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



61778A



8A7461

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.



77755E



61778A



8A6E65

Square

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



61778A



886D7A



82725F



5E7B6E

Rectangle

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



61778A



797187



82725F



6E7862

Sweetspot

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



61778A



A2ABB3



618A73



4F5559



D9D9D9



595959

Same Dimension

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



61778A



7295B3



61638A



3E4245



004785



000305

Inverse Universe

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



8A6177



B37295



8A8861



453E42



850047



050003

Previews

White Background



This preview shows how the Hex color 61778A looks on a white background.

Color Contrast Check

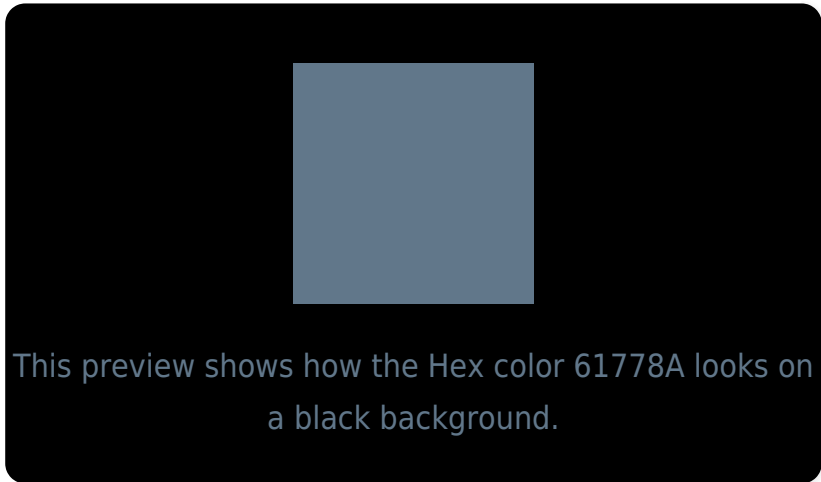
Large Text (above 18pt) WCAG AA ✓ Pass

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

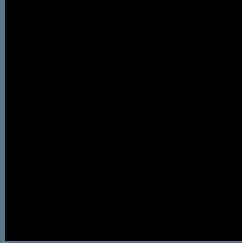
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

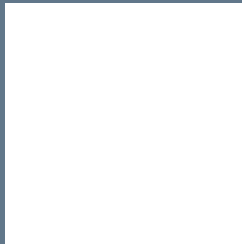
Any Text WCAG AAA × Fail

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

Hex 61778A Background



This preview shows how black text looks on a background with the Hex color 61778A.



This preview shows how white text looks on a background with the Hex color 61778A.

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
61778A

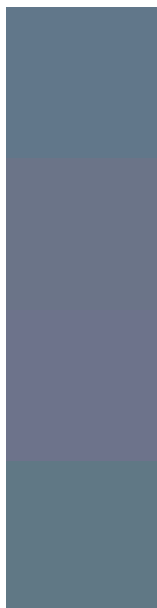
Protanopia
707387

Deuteranopia
74718B



Tritanopia
5F7882

Trichromacy



Original Color

61778A

Protanomaly

6B7488

Deuteranomaly

6D738B

Tritanomaly

607885

Monochromacy



Original Color

61778A

Achromatopsia

737373

Achromatomaly

6C747B

CSS Examples

Text

The CSS property to change the color of the text to Hex 61778A 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 #61778A looks like.

```
.text, #text, p{  
    color:#61778A  
}
```

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 #61778A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61778A
}
```

Border

The CSS property to change the border of an element to Hex 61778A is called "border". The border property can be set on classes, ids or directly on the HTML element.

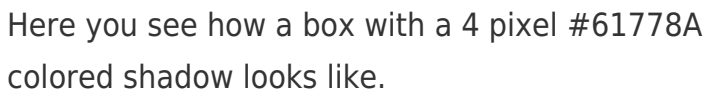
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61778A }
```

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

```
.border{ border-color:#61778A }
```

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



Here you see how a box with a 4 pixel #61778A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61778A; -webkit-box-shadow:4px 4px  
4px 4px #61778A; box-shadow:4px 4px 4px  
4px #61778A }
```

Background

The CSS property to change the background color of an element to Hex 61778A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61778A }
```

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

```
.background{ background-color:#61778A }
```

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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