

Converting Colors

Hex(6A8777)

Have a look what the booklet for
Hex(6A8777) contains.

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Color

Hex(6A8777)

Conversions

Conversions Part 1

Format	Color
Hex	6A8777
RGB	106, 135, 119
RGB Percent	42%, 53%, 47%
CMY	0.5843, 0.4706, 0.5333
CMYK	0.21, 0.00, 0.12, 0.47
HSL	147°, 12%, 47%
HSV	147°, 21%, 53%
XYZ	17.9376, 21.7240, 20.7005
YIQ	124.5050, -12.1480, -11.1240

Conversions

Conversions Part 2

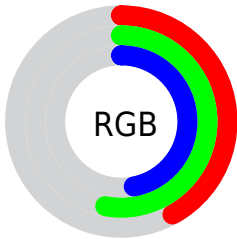
Format	Color
RYB	106, 126, 135
Decimal	6981495
CIELab	53.73, -13.77, 5.23
CIElCh	54, 14.732, 159.216
Yxy	21.7240, 0.2972, 0.3599
Android (android.graphics.Color)	4285171575 (0xFF6A8777)
YUV	124.5050, -2.7140, -16.2289
Hunter-Lab	46.6090, -12.8697, 6.2938

Details

The Hex color **6A8777** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **876A7A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9EBCAB**, and **3A5547** is the 20% darker color. If you saturate the color by 10%, you get **5D8770**, and if you desaturate by 10%, it is **78877E**.

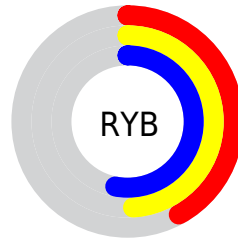
Distribution



Red (42%)

Green (53%)

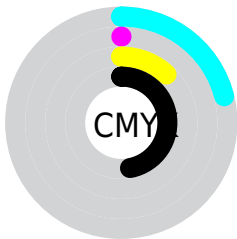
Blue (47%)



Red (42%)

Yellow (49%)

Blue (53%)

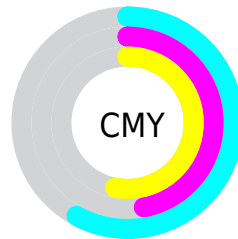


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8777 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 6A8777 by changing the saturation by 10% instead.



6A8777



6A8777

FFFFFF



516E5E



9EBCAB



3A5547



B9D8C6



243E30



D5F5E2



0E281B



F1FFFF



001400



000000



6A8777



6A8777



5D8770



78877E



4F8768



858786

■ 428761

■ 93878D

■ 348759

■ A08795

■ 278752

■ AE879C

■ 19874A

■ BB87A4

■ 0B8743

■ C987AB

■ 00873D

■ D687B3

■ E387BA

Harmonies

Analogous

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



78856D



6A8777



608884

Triad

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



6A8777



778099



9A7971

Complementary

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



6A8777



876A7A

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.



9B787D



6A8777



887C94

Square

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



6A8777



688498



94798A



927D69

Rectangle

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



6A8777



5E878C



94798A



9B7875

Sweetspot

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



6A8777



A5B0AA



7A876A



535956



D9D9D9



595959

Same Dimension

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



6A8777



82B097



6A8785



3C423F



00823A



000301

Inverse Universe

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



876A7A



B0829B



876A6C



423C3F



820048



030001

Previews

White Background



This preview shows how the Hex color 6A8777 looks on a white background.

Color Contrast Check

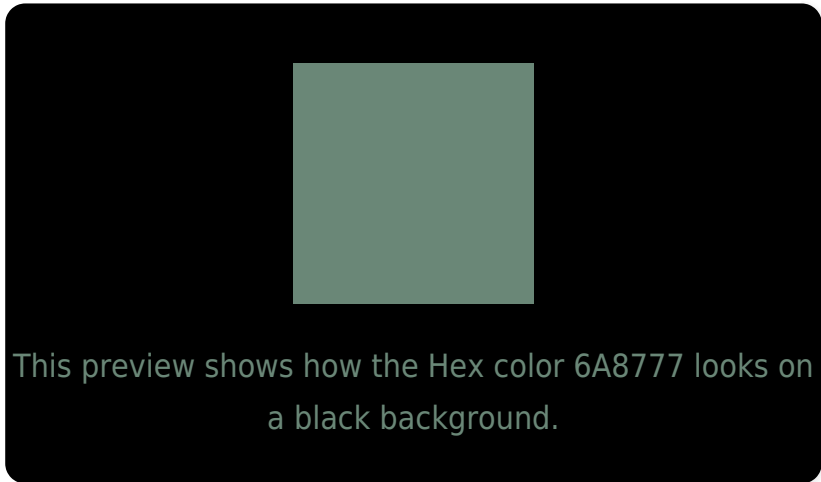
Large Text (above 18pt) WCAG AA ✓ Pass

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

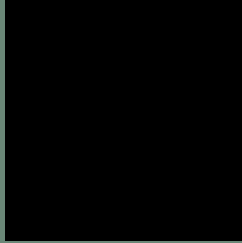
Any Text WCAG AA ✓ Pass

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 6A8777 Background



This preview shows how black text looks on a background with the Hex color 6A8777.

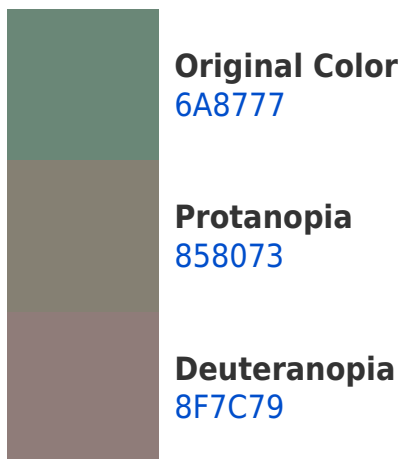


This preview shows how white text looks on a background with the Hex color 6A8777.

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
6E848E

Trichromacy



Original Color
6A8777

Protanomaly
7B8374

Deuteranomaly
828078

Tritanomaly
6D8586

Monochromacy



Original Color
6A8777

Achromatopsia
7D7D7D

Achromatomaly
76817B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8777 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 #6A8777 looks like.

```
.text, #text, p{  
    color:#6A8777  
}
```

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 #6A8777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8777  
}
```

Border

The CSS property to change the border of an element to Hex 6A8777 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  
#6A8777 }
```

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

```
.border{ border-color:#6A8777 }
```

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

Here you see how a box with a 4 pixel #6A8777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8777; -webkit-box-shadow:4px 4px  
4px 4px #6A8777; box-shadow:4px 4px 4px  
4px #6A8777 }
```

Background

The CSS property to change the background color of an element to Hex 6A8777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8777 }
```

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

```
.background{ background-color:#6A8777 }
```

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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