

Converting Colors

Hex(618B78)

Have a look what the booklet for
Hex(618B78) contains.

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Color

Hex(618B78)

Conversions

Conversions Part 1

Format	Color
Hex	618B78
RGB	97, 139, 120
RGB Percent	38%, 55%, 47%
CMY	0.6196, 0.4549, 0.5294
CMYK	0.30, 0.00, 0.14, 0.45
HSL	153°, 18%, 46%
HSV	153°, 30%, 55%
XYZ	17.5525, 22.3627, 21.1606
YIQ	124.2760, -18.9330, -14.8130

Conversions

Conversions Part 2

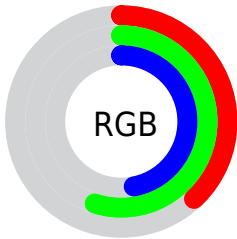
Format	Color
R _Y B	97, 124, 139
Decimal	6392696
CIE Lab	54.41, -18.76, 5.55
CIE LCh	54, 19.561, 163.521
Yxy	22.3627, 0.2874, 0.3661
Android (android.graphics.Color)	4284582776 (0xFF618B78)
YUV	124.2760, -2.1081, -23.9211
Hunter-Lab	47.2892, -16.5015, 6.5718

Details

The Hex color **618B78** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B6174**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **95C1AC**, and **305948** is the 20% darker color. If you saturate the color by 10%, you get **538B72**, and if you desaturate by 10%, it is **6F8B7E**.

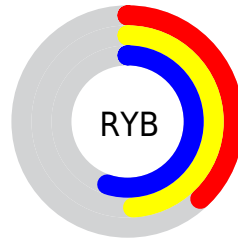
Distribution



Red (38%)

Green (55%)

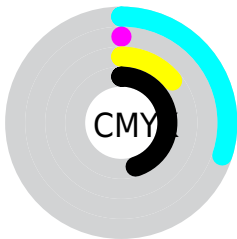
Blue (47%)



Red (38%)

Yellow (49%)

Blue (55%)

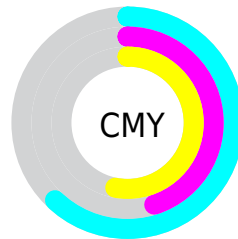


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618B78 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 618B78 by changing the saturation by 10% instead.



618B78



618B78

FFFFFF



48715F



95C1AC



305948



B0DDC8



194131



CBF9E4



012B1C



E8FFFF



001802



000000



618B78



618B78



538B72



6F8B7E



458B6B



7D8B85

■ 378B65

■ 8B8B8B

■ 298B5F

■ 998B91

■ 1C8B59

■ A78B97

■ 0E8B52

■ B48B9E

■ 008B4C

■ C28BA4

■ D08BAA

■ DE8BB1

Harmonies

Analogous

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



748869



618B78



548C89

Triad

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



618B78



7881A3



A2796C

Complementary

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



618B78



8B6174

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.



A5767B



618B78



8E7B9B

Square

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



618B78



6286A2



9E778C



977E62

Rectangle

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



618B78



518B94



9E778C



A47870

Sweetspot

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



618B78



A5B5AE



758B61



525C57



DBDBDB



5C5C5C

Same Dimension

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



618B78



74B598



618A8B



3E4542



008549



000503

Inverse Universe

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



8B6174



B57491



8B6261



453E41



85003C



050002

Previews

White Background



This preview shows how the Hex color 618B78 looks on a white background.

Color Contrast Check

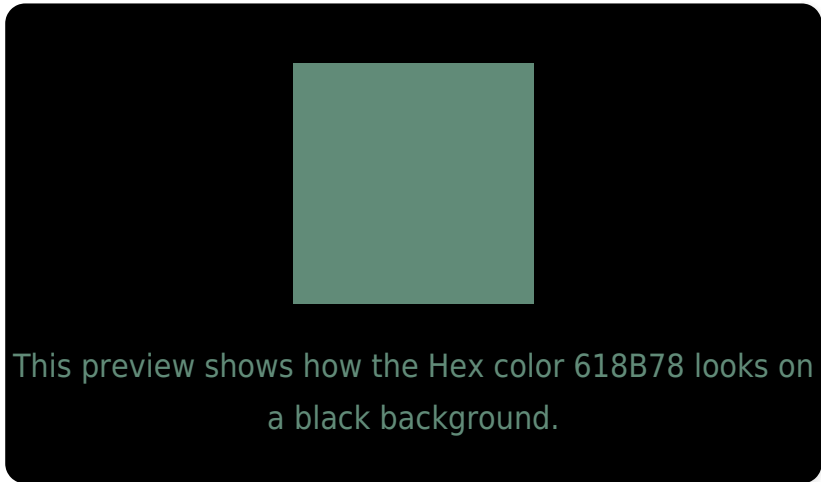
Large Text (above 18pt) WCAG AA ✓ Pass

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

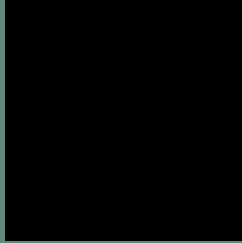
Any Text WCAG AA ✓ Pass

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 618B78 Background



This preview shows how black text looks on a background with the Hex color 618B78.

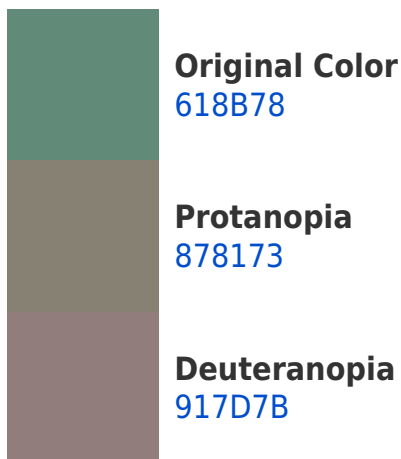


This preview shows how white text looks on a background with the Hex color 618B78.

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
668792

Trichromacy



Original Color
618B78

Protanomaly
798575

Deuteranomaly
80827A

Tritanomaly
648889

Monochromacy



Original Color
618B78

Achromatopsia
7C7C7C

Achromatomaly
72817B

CSS Examples

Text

The CSS property to change the color of the text to Hex 618B78 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 #618B78 looks like.

```
.text, #text, p{  
    color:#618B78  
}
```

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 #618B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618B78
}
```

Border

The CSS property to change the border of an element to Hex 618B78 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
#618B78 }
```

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

```
.border{ border-color:#618B78 }
```

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

Here you see how a box with a 4 pixel #618B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618B78; -webkit-box-shadow:4px 4px  
4px 4px #618B78; box-shadow:4px 4px 4px  
4px #618B78 }
```

Background

The CSS property to change the background color of an element to Hex 618B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618B78 }
```

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

```
.background{ background-color:#618B78 }
```

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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