

Converting Colors

Hex(56978C)

Have a look what the booklet for
Hex(56978C) contains.

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Color

Hex(56978C)

Conversions

Conversions Part 1

Format	Color
Hex	56978C
RGB	86, 151, 140
RGB Percent	34%, 59%, 55%
CMY	0.6627, 0.4078, 0.4510
CMYK	0.43, 0.00, 0.07, 0.41
HSL	170°, 27%, 46%
HSV	170°, 43%, 59%
XYZ	19.6380, 26.0051, 28.7954
YIQ	130.3110, -35.2090, -17.2010

Conversions

Conversions Part 2

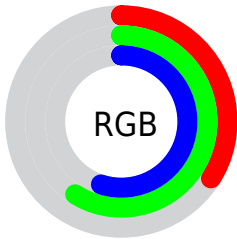
Format	Color
RYB	86, 122, 151
Decimal	5674892
CIELab	58.04, -23.56, -0.72
CIELCh	58, 23.567, 181.745
Yxy	26.0051, 0.2638, 0.3494
Android (android.graphics.Color)	4283864972 (0xFF56978C)
YUV	130.3110, 4.7767, -38.8607
Hunter-Lab	50.9952, -20.5022, 2.2174

Details

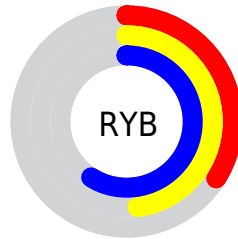
The Hex color **56978C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **975661**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8BCEC1**, and **20645A** is the 20% darker color. If you saturate the color by 10%, you get **479789**, and if you desaturate by 10%, it is **65978F**.

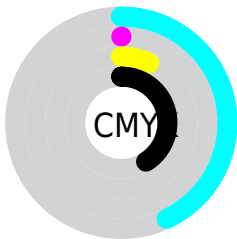
Distribution



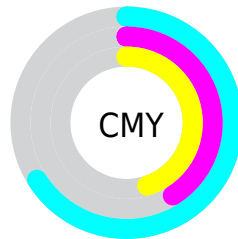
- Red (34%)
- Green (59%)
- Blue (55%)



- Red (34%)
- Yellow (48%)
- Blue (59%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (66%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56978C 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 56978C by changing the saturation by 10% instead.

 56978C

 56978C

FFFFFF

 3C7D73

 8BCEC1

 20645A

 A7EADD

 004C43

 C3FFFA

 00342D

 DFFFFFF

 002018

 FCFFFF

 000000

 56978C

 56978C

 479789

 65978F

 389787

 749791

■ 299784

■ 839794

■ 1A9782

■ 929796

■ 0B977F

■ A29799

■ 00977D

■ B1979B

■ C0979E

■ CF97A0

■ DE97A3

Harmonies

Analogous

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



6B9577



56978C



4C96A0

Triad

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



56978C



9086AE



AB8468

Complementary

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



56978C



975661

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.



B47E77



56978C



A77F9F

Square

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



56978C



738DB4



B37C8B



998B62

Rectangle

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



56978C



5294AB



B37C8B



AF816C

Sweetspot

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



56978C



ABC4C0



629756



546361



E3E3E3



636363

Same Dimension

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



56978C



5EC4B3



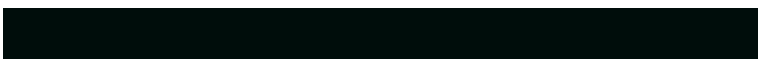
568297



454D4B



008C75



000D0B

Inverse Universe

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



975661



C45E70



976B56



4D4546



8C0018



0D0002

Previews

White Background



This preview shows how the Hex color 56978C looks on a white background.

Color Contrast Check

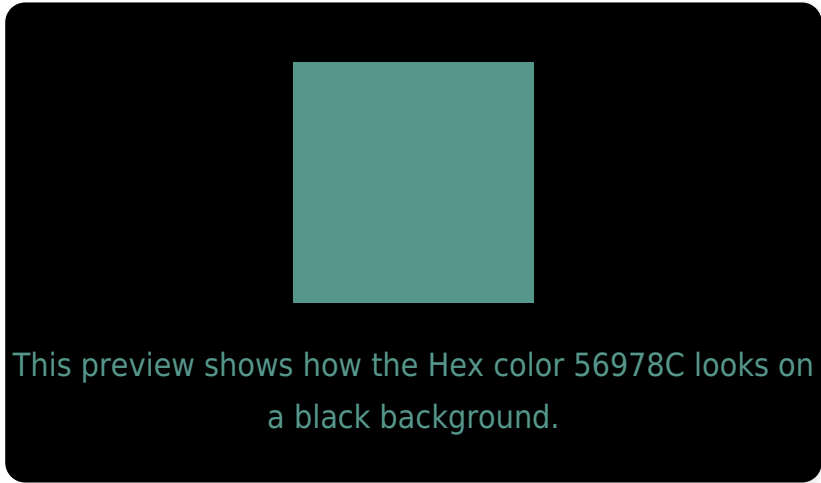
Large Text (above 18pt) WCAG AA ✓ Pass

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

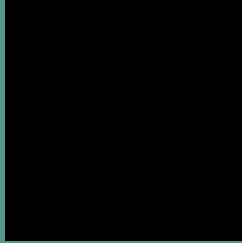
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

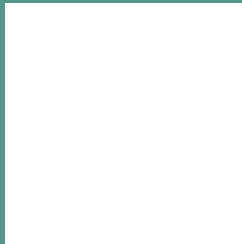
Any Text WCAG AAA × Fail

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

Hex 56978C Background



This preview shows how black text looks on a background with the Hex color 56978C.

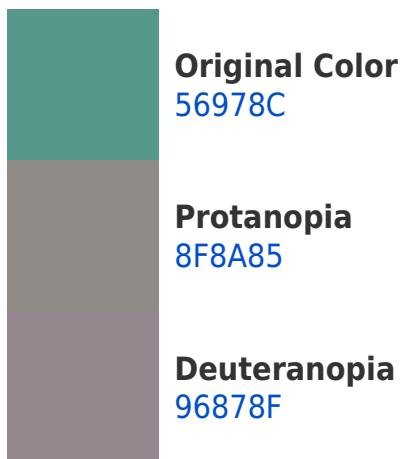


This preview shows how white text looks on a background with the Hex color 56978C.

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](#).

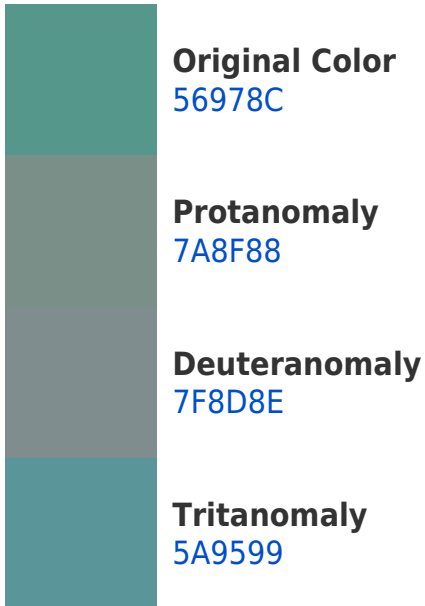
Dichromacy



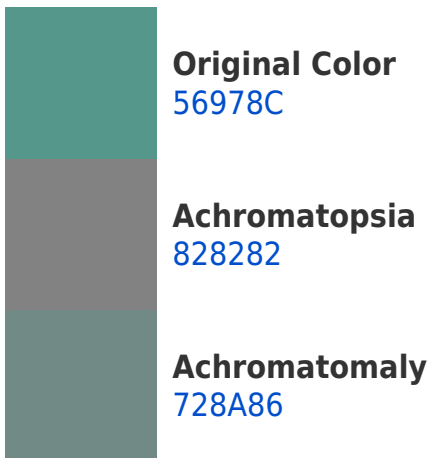


Tritanopia
5C94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56978C 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 #56978C looks like.

```
.text, #text, p{  
    color:#56978C  
}
```

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 #56978C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56978C
}
```

Border

The CSS property to change the border of an element to Hex 56978C 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
#56978C }
```

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

```
.border{ border-color:#56978C }
```

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

Here you see how a box with a 4 pixel #56978C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56978C; -webkit-box-shadow:4px 4px  
4px 4px #56978C; box-shadow:4px 4px 4px  
4px #56978C }
```

Background

The CSS property to change the background color of an element to Hex 56978C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56978C }
```

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

```
.background{ background-color:#56978C }
```

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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