

Converting Colors

Hex(53978E)

Have a look what the booklet for
Hex(53978E) contains.

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Color

Hex(53978E)

Conversions

Conversions Part 1

Format	Color
Hex	53978E
RGB	83, 151, 142
RGB Percent	33%, 59%, 56%
CMY	0.6745, 0.4078, 0.4431
CMYK	0.45, 0.00, 0.06, 0.41
HSL	172°, 29%, 46%
HSV	172°, 45%, 59%
XYZ	19.5164, 25.9252, 29.5666
YIQ	129.6420, -37.6390, -17.2150

Conversions

Conversions Part 2

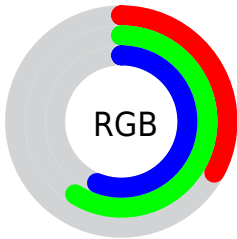
Format	Color
R_{YB}	83, 119, 151
Decimal	5478286
CIE _{Lab}	57.97, -23.84, -1.98
CIE _{LCh}	58, 23.923, 184.759
Yxy	25.9252, 0.2602, 0.3456
Android (android.graphics.Color)	4283668366 (0xFF53978E)
YUV	129.6420, 6.0925, -40.9050
Hunter-Lab	50.9168, -20.6855, 1.2129

Details

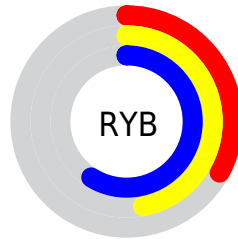
The Hex color **53978E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97535C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **89CEC4**, and **1B645C** is the 20% darker color. If you saturate the color by 10%, you get **44978C**, and if you desaturate by 10%, it is **629790**.

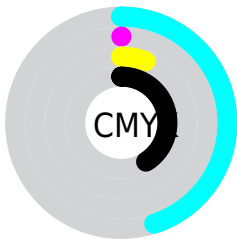
Distribution



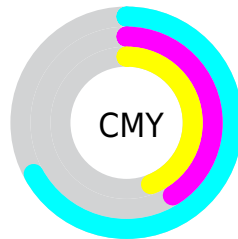
- Red (33%)
- Green (59%)
- Blue (56%)



- Red (33%)
- Yellow (47%)
- Blue (59%)



- Cyan (45%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53978E 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 53978E by changing the saturation by 10% instead.

53978E

53978E

FFFFFF

387D74

89CEC4

1B645C

A4EAE0

004B44

C0FFFC

00342E

DDFFFF

00201A

FAFFFF

000000

53978E

53978E

44978C

629790

35978A

719792

■ 269788

■ 809794

■ 179786

■ 8F9796

■ 089784

■ 9F9798

■ 009783

■ AE979A

■ BD979C

■ CC979E

■ DB97A0

Harmonies

Analogous

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



689579



53978E



4B96A2

Triad

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



53978E



9385AE



A98466

Complementary

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



53978E



97535C

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.



B47E74



53978E



A97E9E

Square

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



53978E



768CB5



B47C89



978B62

Rectangle

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



53978E



5294AD



B47C89



AE826A

Sweetspot

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



53978E



A9C4C1



5C9753



536361



E3E3E3



636363

Same Dimension

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



53978E



5AC4B6



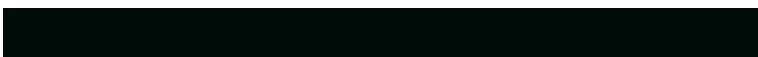
537E97



454D4B



008C7A



000D0B

Inverse Universe

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



97535C



C45A68



976C53



4D4546



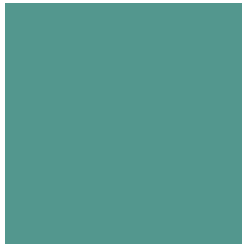
8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 53978E looks on a white background.

Color Contrast Check

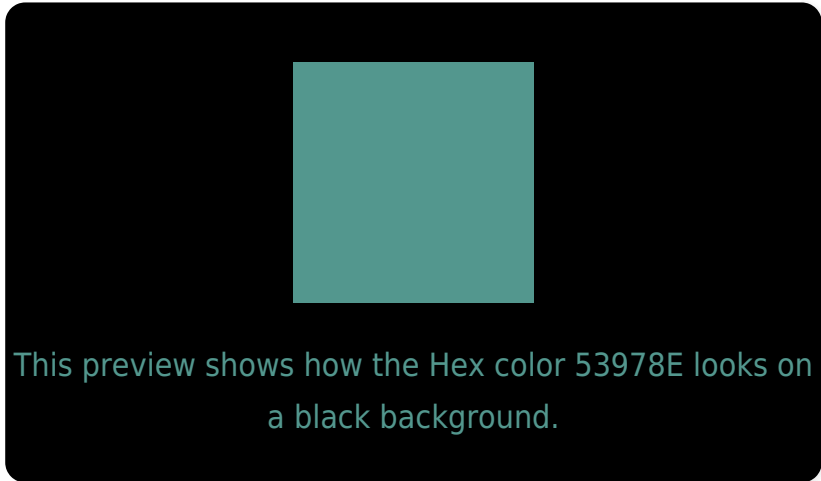
Large Text (above 18pt) WCAG AA ✓ Pass

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

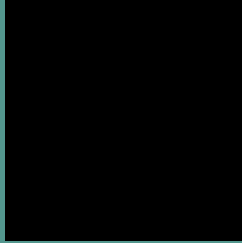
Any Text WCAG AA ✓ Pass

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 53978E Background



This preview shows how black text looks on a background with the Hex color 53978E.

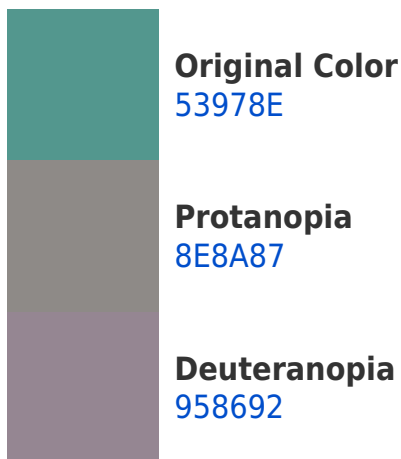


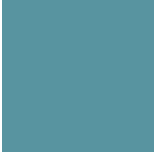
This preview shows how white text looks on a background with the Hex color 53978E.

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
5894A0

Trichromacy



Original Color
53978E

Protanomaly
798F8A

Deuteranomaly
7D8C91

Tritanomaly
569599

Monochromacy



Original Color
53978E

Achromatopsia
828282

Achromatomaly
718A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 53978E 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 #53978E looks like.

```
.text, #text, p{  
    color:#53978E  
}
```

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 #53978E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53978E
}
```

Border

The CSS property to change the border of an element to Hex 53978E 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
#53978E }
```

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

```
.border{ border-color:#53978E }
```

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

Here you see how a box with a 4 pixel #53978E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53978E; -webkit-box-shadow:4px 4px  
4px 4px #53978E; box-shadow:4px 4px 4px  
4px #53978E }
```

Background

The CSS property to change the background color of an element to Hex 53978E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53978E }
```

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

```
.background{ background-color:#53978E }
```

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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