

Converting Colors

Hex(508E83)

Have a look what the booklet for
Hex(508E83) contains.

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Color

Hex(508E83)

Conversions

Conversions Part 1

Format	Color
Hex	508E83
RGB	80, 142, 131
RGB Percent	31%, 56%, 51%
CMY	0.6863, 0.4431, 0.4863
CMYK	0.44, 0.00, 0.08, 0.44
HSL	169°, 28%, 44%
HSV	169°, 44%, 56%
XYZ	17.0780, 22.6902, 24.9523
YIQ	122.2080, -33.4210, -16.5650

Conversions

Conversions Part 2

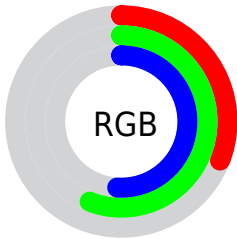
Format	Color
RYB	80, 114, 142
Decimal	5279363
CIELab	54.75, -22.82, -0.40
CIElCh	55, 22.825, 181.015
Yxy	22.6902, 0.2639, 0.3506
Android (android.graphics.Color)	4283469443 (0xFF508E83)
YUV	122.2080, 4.3345, -37.0164
Hunter-Lab	47.6342, -19.3633, 2.2860

Details

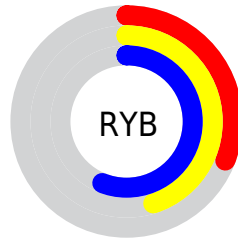
The Hex color **508E83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E505B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **85C4B8**, and **1A5B52** is the 20% darker color. If you saturate the color by 10%, you get **428E80**, and if you desaturate by 10%, it is **5E8E86**.

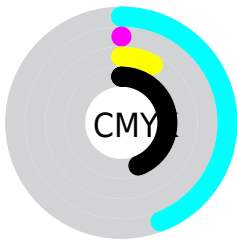
Distribution



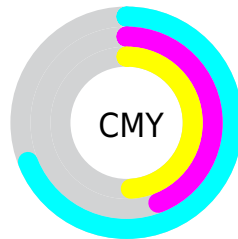
- Red (31%)
- Green (56%)
- Blue (51%)



- Red (31%)
- Yellow (45%)
- Blue (56%)



- Cyan (44%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (69%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 508E83 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 508E83 by changing the saturation by 10% instead.

■ 508E83

■ 508E83

FFFFFF

■ 36746A

■ 85C4B8

■ 1A5B52

■ A0E0D4

■ 00443B

■ BCFDF0

■ 002D25

■ D8FFFF

■ 001A10

■ F5FFFF

■ 000000

■ 508E83

■ 508E83

■ 428E80

■ 5E8E86

■ 348E7E

■ 6C8E88

■ 258E7B

■ 7B8E8B

■ 178E79

■ 898E8D

■ 098E76

■ 978E90

■ 008E75

■ A58E92

■ B38E95

■ C28E97

■ D08E9A

Harmonies

Analogous

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



658C6F



508E83



468D97

Triad

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



508E83



877EA5



A17B61

Complementary

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



508E83



8E505B

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.



AA7670



508E83



9D7896

Square

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



508E83



6B85AA



A97583



91825C

Rectangle

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



508E83



4B8CA1



A97583



A57965

Sweetspot

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



508E83



A0B8B3



5B8E50



4D5C59



DBDBDB



5C5C5C

Same Dimension

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



508E83



58B8A7



507A8E



404746



00876F



000806

Inverse Universe

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



8E505B



B85869



8E6450



474042



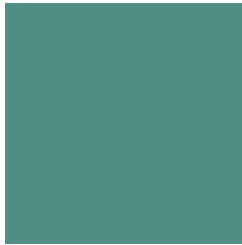
870018



080001

Previews

White Background



This preview shows how the Hex color 508E83 looks on a white background.

Color Contrast Check

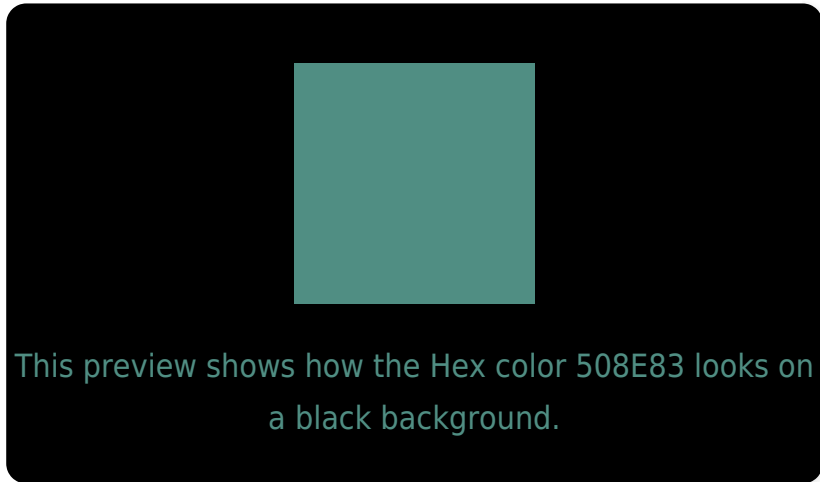
Large Text (above 18pt) WCAG AA ✓ Pass

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

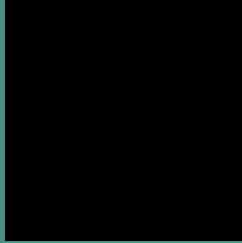
Any Text WCAG AA ✓ Pass

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 508E83 Background



This preview shows how black text looks on a background with the Hex color 508E83.

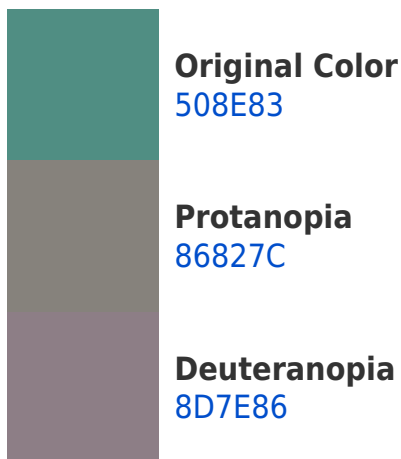


This preview shows how white text looks on a background with the Hex color 508E83.

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
558B96

Trichromacy



Original Color
508E83

Protanomaly
72867F

Deuteranomaly
778485

Tritanomaly
538C8F

Monochromacy



Original Color
508E83

Achromatopsia
7A7A7A

Achromatomaly
6B817D

CSS Examples

Text

The CSS property to change the color of the text to Hex 508E83 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 #508E83 looks like.

```
.text, #text, p{  
    color:#508E83  
}
```

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 #508E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508E83
}
```

Border

The CSS property to change the border of an element to Hex 508E83 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
#508E83 }
```

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

```
.border{ border-color:#508E83 }
```

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

Here you see how a box with a 4 pixel #508E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508E83; -webkit-box-shadow:4px 4px  
4px 4px #508E83; box-shadow:4px 4px 4px  
4px #508E83 }
```

Background

The CSS property to change the background color of an element to Hex 508E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508E83 }
```

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

```
.background{ background-color:#508E83 }
```

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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