

# Converting Colors

Hex(528A83)

Have a look what the booklet for  
Hex(528A83) contains.

<b>Hex(528A83)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(528A83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	528A83
RGB	82, 138, 131
RGB Percent	32%, 54%, 51%
CMY	0.6784, 0.4588, 0.4863
CMYK	0.41, 0.00, 0.05, 0.46
HSL	172°, 25%, 43%
HSV	172°, 41%, 54%
XYZ	16.6649, 21.6095, 24.7654
YIQ	120.4580, -31.1290, -14.0490

# Conversions

## Conversions Part 2

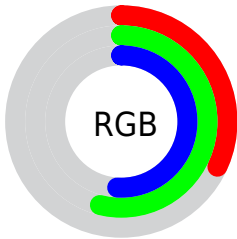
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 112, 138
Decimal	5409411
CIELab	53.61, -20.19, -2.07
CIELCh	54, 20.300, 185.843
Yxy	21.6095, 0.2644, 0.3428
Android (android.graphics.Color)	4283599491 (0xFF528A83)
YUV	120.4580, 5.1972, -33.7277
Hunter-Lab	46.4860, -17.3596, 0.9534

# Details

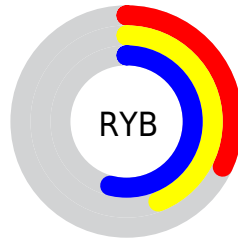
The Hex color **528A83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A5259**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **86C0B8**, and **1E5852** is the 20% darker color. If you saturate the color by 10%, you get **448A81**, and if you desaturate by 10%, it is **608A85**.

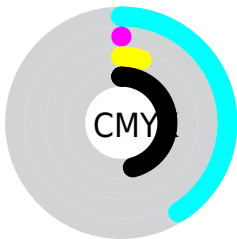
# Distribution



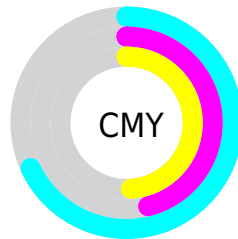
- Red (32%)
- Green (54%)
- Blue (51%)



- Red (32%)
- Yellow (44%)
- Blue (54%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (46%)



- Cyan (68%)
- Magenta (46%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 528A83 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 528A83 by changing the saturation by 10% instead.



 528A83

 528A83

FFFFFF

 38706A

 86C0B8

 1E5852

 A1DCD4

 00403B

 BDF8F0

 002A25

 D9FFFF

 001510

 F6FFFF

 000000

 528A83

 528A83

 448A81

 608A85

 368A80

 6E8A86

■ 298A7E

■ 7B8A88

■ 1B8A7C

■ 898A8A

■ 0D8A7A

■ 978A8C

■ 008A79

■ A58A8D

■ B38A8F

■ C08A91

■ CE8A93

# Harmonies

## Analogous

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



628971



528A83



4D8994

# Triad

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



528A83



877A9C



997A61

# Complementary

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



528A83



8A5259

# 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.



A2756C



528A83



9A758F

# Square

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



528A83



6F81A3



A3737D



8A805D

# Rectangle

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



528A83



53879C



A3737D



9D7864



# Sweetspot

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



528A83



9DB3B0



598A52



4D5958



D9D9D9



595959



# Same Dimension

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



528A83



5BB3A8



52758A



3E4544



008574



000504



# Inverse Universe

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



8A5259



B35B66



8A6752



453E3F



850011



050001



# Previews

## White Background



This preview shows how the Hex color 528A83 looks on a white background.

## Color Contrast Check

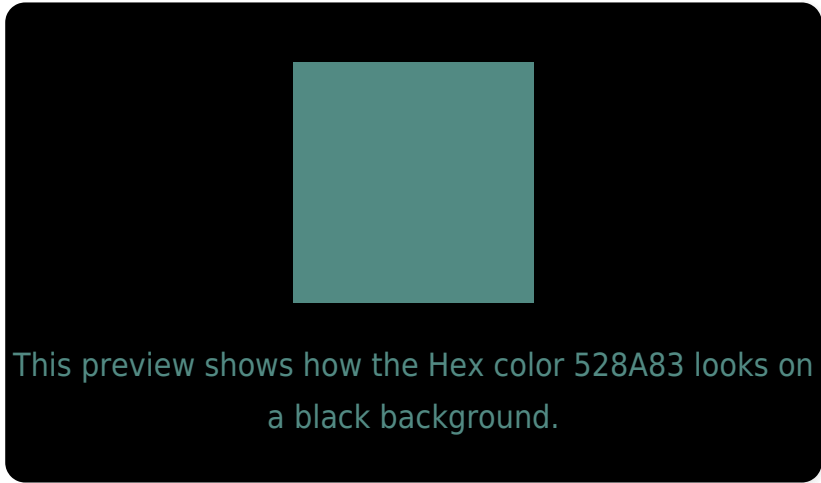
Large Text (above 18pt) WCAG AA ✓ Pass

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

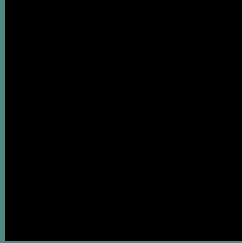
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

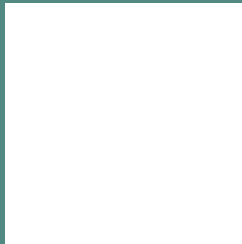
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 528A83 Background



This preview shows how black text looks on a background with the Hex color 528A83.

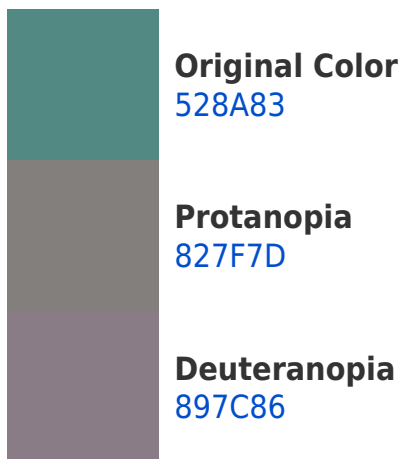


This preview shows how white text looks on a background with the Hex color 528A83.

# 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**  
568893

# Trichromacy



**Original Color**  
528A83

**Protanomaly**  
71837F

**Deuteranomaly**  
758185

**Tritanomaly**  
55898D

# Monochromacy



**Original Color**  
528A83

**Achromatopsia**  
787878

**Achromatomaly**  
6A7F7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 528A83 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 #528A83 looks like.

```
.text, #text, p{  
    color:#528A83  
}
```

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 #528A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #528A83
}
```

## Border

The CSS property to change the border of an element to Hex 528A83 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
#528A83 }
```

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

```
.border{ border-color:#528A83 }
```

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

Here you see how a box with a 4 pixel #528A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #528A83; -webkit-box-shadow:4px 4px  
4px 4px #528A83; box-shadow:4px 4px 4px  
4px #528A83 }
```

# Background

The CSS property to change the background color of an element to Hex 528A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#528A83 }
```

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

```
.background{ background-color:#528A83 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor