

Converting Colors

Hex(528B82)

Have a look what the booklet for
Hex(528B82) contains.

Hex(528B82)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(528B82)

Conversions

Conversions Part 1

Format	Color
Hex	528B82
RGB	82, 139, 130
RGB Percent	32%, 55%, 51%
CMY	0.6784, 0.4549, 0.4902
CMYK	0.41, 0.00, 0.06, 0.45
HSL	171°, 26%, 43%
HSV	171°, 41%, 55%
XYZ	16.7416, 21.8708, 24.4582
YIQ	120.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

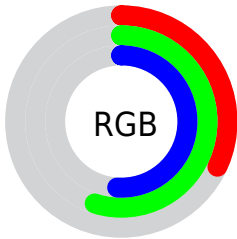
Format	Color
RYB	82, 113, 139
Decimal	5409666
CIELab	53.89, -20.97, -1.08
CIELCh	54, 20.998, 182.942
Yxy	21.8708, 0.2654, 0.3468
Android (android.graphics.Color)	4283599746 (0xFF528B82)
YUV	120.9310, 4.4710, -34.1425
Hunter-Lab	46.7662, -17.9407, 1.7283

Details

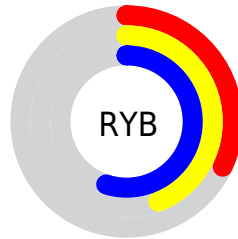
The Hex color **528B82** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B525B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **86C1B7**, and **1E5951** is the 20% darker color. If you saturate the color by 10%, you get **448B80**, and if you desaturate by 10%, it is **608B84**.

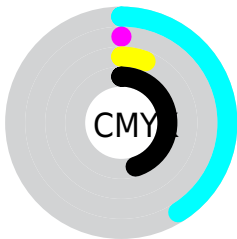
Distribution



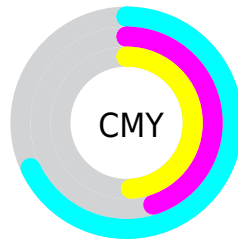
- Red (32%)
- Green (55%)
- Blue (51%)



- Red (32%)
- Yellow (44%)
- Blue (55%)



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



- Cyan (68%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 528B82 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 528B82 by changing the saturation by 10% instead.

■ 528B82

■ 528B82

FFFFFF

■ 387169

■ 86C1B7

■ 1E5951

■ A1DDD2

■ 00413A

■ BDF9EF

■ 002B24

■ D9FFFF

■ 00170F

■ F6FFFF

■ 000000

■ 528B82

■ 528B82

■ 448B80

■ 608B84

■ 368B7E

■ 6E8B86

 288B7B

 7C8B89

 1A8B79

 8A8B8B

 0D8B77

 988B8D

 008B75

 A58B8F

 B38B91

 C18B94

 CF8B96

Harmonies

Analogous

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



648970



528B82



4B8A94

Triad

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



528B82



867C9F



9C7A61

Complementary

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



528B82



8B525B

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.



A5756E



528B82



9A7692

Square

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



528B82



6D82A5



A47480



8C805D

Rectangle

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



528B82



50889D



A47480



A07865

Sweetspot

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



528B82



9FB5B2



5C8B52



4F5C5A



DBDBDB



5C5C5C

Same Dimension

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



528B82



5CB5A7



52788B



3E4544



008570



000504

Inverse Universe

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



8B525B



B55C6A



8B6552



453E3F



850015



050001

Previews

White Background



This preview shows how the Hex color 528B82 looks on a white background.

Color Contrast Check

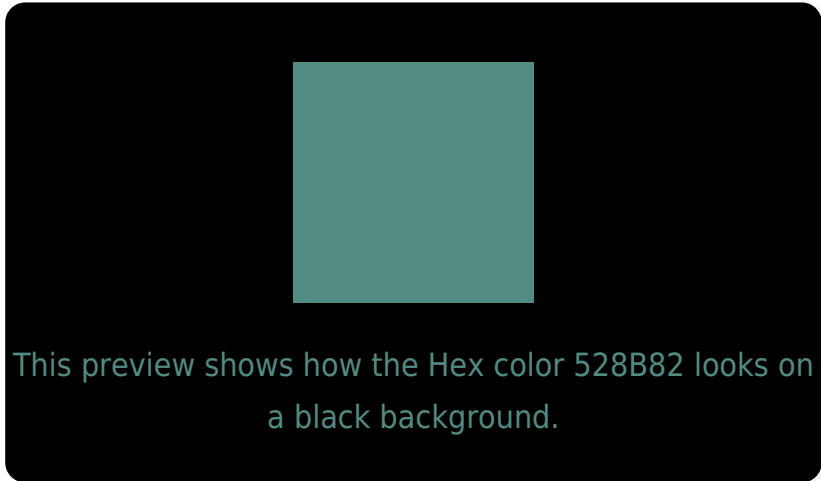
Large Text (above 18pt) WCAG AA ✓ Pass

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

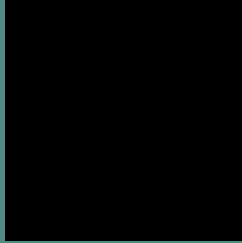
Any Text WCAG AA ✓ Pass

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 528B82 Background



This preview shows how black text looks on a background with the Hex color 528B82.

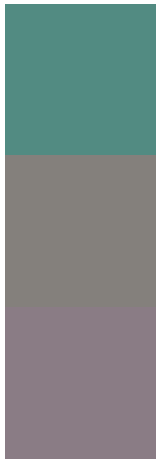


This preview shows how white text looks on a background with the Hex color 528B82.

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



Original Color
528B82

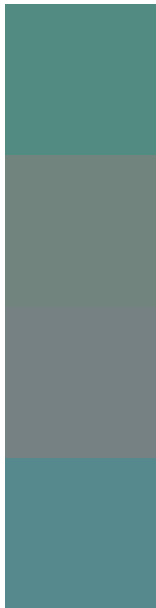
Protanopia
84807C

Deuteranopia
8A7C85



Tritanopia
578893

Trichromacy



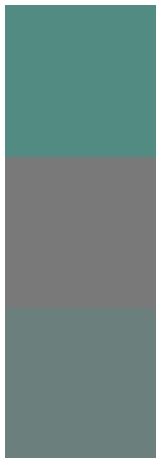
Original Color
528B82

Protanomaly
72847E

Deuteranomaly
768184

Tritanomaly
55898D

Monochromacy



Original Color
528B82

Achromatopsia
797979

Achromatomaly
6B807C

CSS Examples

Text

The CSS property to change the color of the text to Hex 528B82 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 #528B82 looks like.

```
.text, #text, p{  
    color:#528B82  
}
```

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 #528B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #528B82
}
```

Border

The CSS property to change the border of an element to Hex 528B82 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
#528B82 }
```

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

```
.border{ border-color:#528B82 }
```

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

Here you see how a box with a 4 pixel #528B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #528B82; -webkit-box-shadow:4px 4px  
4px 4px #528B82; box-shadow:4px 4px 4px  
4px #528B82 }
```

Background

The CSS property to change the background color of an element to Hex 528B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#528B82 }
```

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

```
.background{ background-color:#528B82 }
```

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