

# Converting Colors

Hex(528684)

Have a look what the booklet for  
Hex(528684) contains.

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# Color

Hex(528684)

# Conversions

## Conversions Part 1

Format	Color
Hex	528684
RGB	82, 134, 132
RGB Percent	32%, 53%, 52%
CMY	0.6784, 0.4745, 0.4824
CMYK	0.39, 0.00, 0.01, 0.47
HSL	178°, 24%, 42%
HSV	178°, 39%, 53%
XYZ	16.1696, 20.5100, 24.9364
YIQ	118.2240, -30.3500, -11.6460

# Conversions

## Conversions Part 2

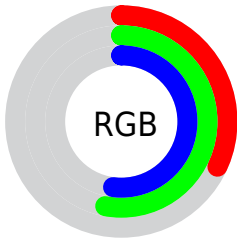
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 109, 134
Decimal	5408388
CIELab	52.41, -17.82, -4.42
CIELCh	52, 18.356, 193.926
Yxy	20.5100, 0.2624, 0.3329
Android (android.graphics.Color)	4283598468 (0xFF528684)
YUV	118.2240, 6.7916, -31.7684
Hunter-Lab	45.2879, -15.5222, -0.9446

# Details

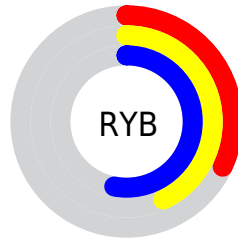
The Hex color **528684** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **865254**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **86BBB9**, and **1F5453** is the 20% darker color. If you saturate the color by 10%, you get **458683**, and if you desaturate by 10%, it is **5F8685**.

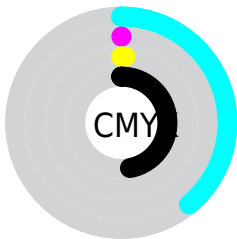
# Distribution



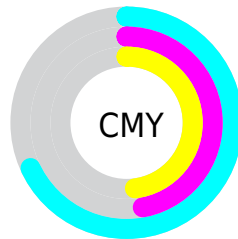
- Red (32%)
- Green (53%)
- Blue (52%)



- Red (32%)
- Yellow (43%)
- Blue (53%)



- Cyan (39%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (68%)
- Magenta (47%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 528684 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 528684 by changing the saturation by 10% instead.



■ 528684

■ 528684

FFFFFF

■ 396D6B

■ 86BBB9

■ 1F5453

■ A1D7D5

■ 003D3C

■ BDF4F1

■ 002726

■ D9FFFF

■ 001011

■ F6FFFF

■ 000000

■ 528684

■ 528684

■ 458683

■ 5F8685

■ 378683

■ 6D8685

■ 2A8682

■ 7A8686

■ 1C8682

■ 888686

■ 0F8681

■ 958687

■ 028681

■ A28687

■ 008681

■ B08688

■ BD8688

■ CB8689

# Harmonies

## Analogous

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



5E8574



528684



528592

# Triad

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



528684



897794



91795F

# Complementary

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



528684



865254

# 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.



9B7468



528684



977386

# Square

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



528684



747C9B



9D7276



817E5E

# Rectangle

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



528684



5A8299



9D7276



957761



# Sweetspot

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



528684



99ADAD



558652



4B5756



D6D6D6



575757



# Same Dimension

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



528684



5CADAA



526F86



3C4242



00827D



000302



# Inverse Universe

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



865254



AD5C5F



866952



423C3C



820005



030000



# Previews

## White Background



This preview shows how the Hex color 528684 looks on a white background.

## Color Contrast Check

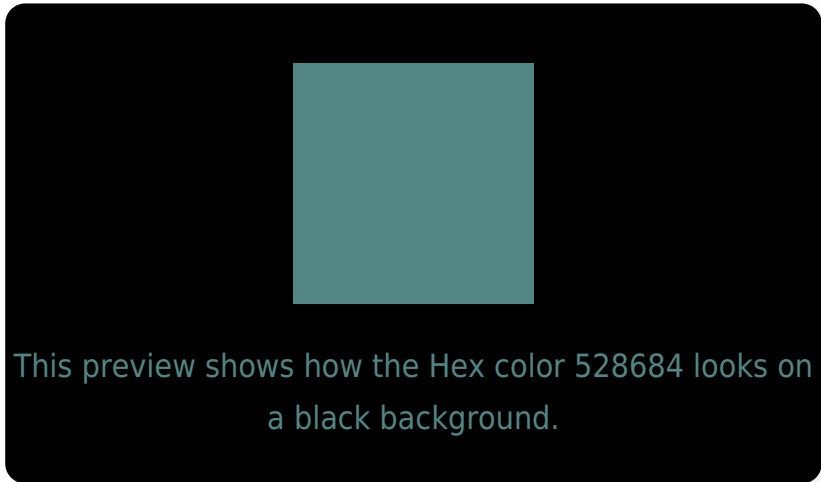
Large Text (above 18pt) WCAG AA ✓ Pass

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

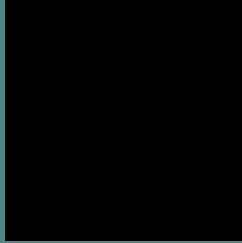
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 528684 Background



This preview shows how black text looks on a background with the Hex color 528684.

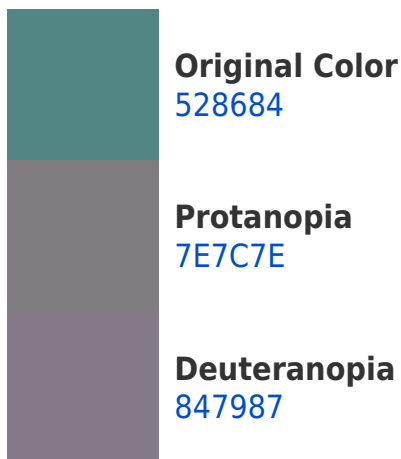


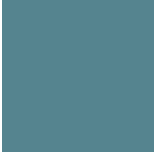
This preview shows how white text looks on a background with the Hex color 528684.

# 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](#).

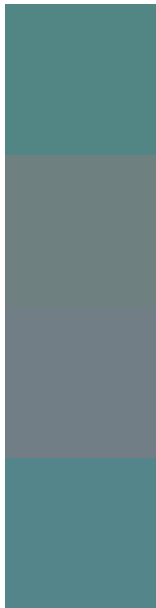
## Dichromacy





**Tritanopia**  
55848F

# Trichromacy



**Original Color**  
528684

**Protanomaly**  
6E8080

**Deuteranomaly**  
727E86

**Tritanomaly**  
54858B

# Monochromacy



**Original Color**  
528684

**Achromatopsia**  
767676

**Achromatomaly**  
697C7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 528684 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 #528684 looks like.

```
.text, #text, p{  
    color:#528684  
}
```

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 #528684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #528684
}
```

## Border

The CSS property to change the border of an element to Hex 528684 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
#528684 }
```

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

```
.border{ border-color:#528684 }
```

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

Here you see how a box with a 4 pixel #528684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #528684; -webkit-box-shadow:4px 4px  
4px 4px #528684; box-shadow:4px 4px 4px  
4px #528684 }
```

# Background

The CSS property to change the background color of an element to Hex 528684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#528684 }
```

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

```
.background{ background-color:#528684 }
```

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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