

# Converting Colors

Hex(54848D)

Have a look what the booklet for  
Hex(54848D) contains.

|                                                |    |
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# Color

**Hex(54848D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 54848D                      |
| RGB         | 84, 132, 141                |
| RGB Percent | 33%, 52%, 55%               |
| CMY         | 0.6706, 0.4824, 0.4471      |
| CMYK        | 0.40, 0.06, 0.00, 0.45      |
| HSL         | 189°, 25%, 44%              |
| HSV         | 189°, 40%, 55%              |
| XYZ         | 16.7151, 20.3104, 28.2386   |
| YIQ         | 118.6740, -31.4970, -7.3770 |

# Conversions

## Conversions Part 2

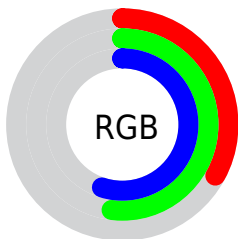
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 84, 110, 141                   |
| Decimal                             | 5538957                        |
| CIE <sub>Lab</sub>                  | 52.19, -13.78, -9.98           |
| CIE <sub>LCh</sub>                  | 52, 17.012, 215.922            |
| Yxy                                 | 20.3104, 0.2561,<br>0.3112     |
| Android<br>(android.graphics.Color) | 4283729037<br>(0xFF54848D)     |
| YUV                                 | 118.6740, 11.0067,<br>-30.4091 |
| Hunter-Lab                          | 45.0671, -12.6628,<br>-5.6036  |

# Details

The Hex color **54848D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D5D54**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **88B9C3**, and **20525B** is the 20% darker color. If you saturate the color by 10%, you get **46828D**, and if you desaturate by 10%, it is **62868D**.

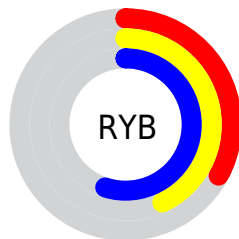
# Distribution



Red (33%)

Green (52%)

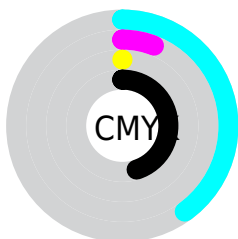
Blue (55%)



Red (33%)

Yellow (43%)

Blue (55%)

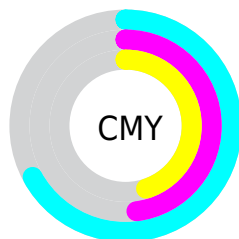


Cyan (40%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (48%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54848D 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 54848D by changing the saturation by 10% instead.



■ 54848D

■ 54848D

FFFFFF

■ 3B6B73

■ 88B9C3

■ 20525B

■ A3D5DE

■ 003B43

■ BFF1FB

■ 00252D

■ DBFFFF

■ 000F19

■ F8FFFF

■ 000000

■ 54848D

■ 54848D

■ 46828D

■ 62868D

■ 38808D

■ 70888D

■ 2A7D8D

■ 7E8B8D

■ 1C7B8D

■ 8C8D8D

■ 0E798D

■ 9B8F8D

■ 00778D

■ A9918D

■ B7948D

■ C5968D

■ D3988D

# Harmonies

## Analogous

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



57857F



54848D



5D8197

# Triad

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



54848D



927489



857C60

# Complementary

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



54848D



8D5D54

# 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.



927862



54848D



9A727A

# Square

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



54848D



837894



9A746C



748165

# Rectangle

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



54848D



697E99



9A746C



897B60



# Sweetspot

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



54848D



A2B4B8



548D5D



4F5A5C



DBDBDB



5C5C5C



# Same Dimension

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



54848D



5EA9B8



54688D



404647



007287



000608



# Inverse Universe

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



8D5484



B85EA9



8D7954



474046



870072



080006



# Previews

## White Background



This preview shows how the Hex color 54848D looks on a white background.

## Color Contrast Check

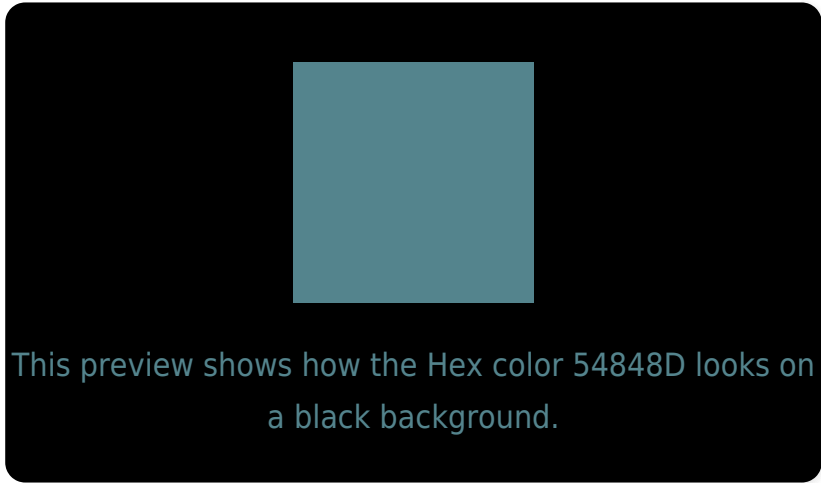
Large Text (above 18pt) WCAG AA ✓ Pass

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

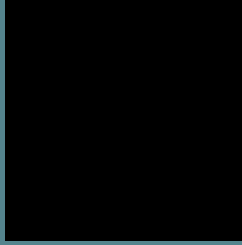
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

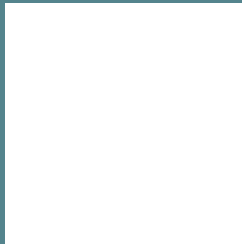
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54848D Background



This preview shows how black text looks on a background with the Hex color 54848D.

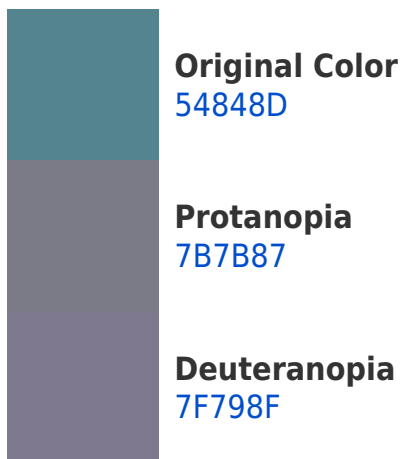


This preview shows how white text looks on a background with the Hex color 54848D.

# 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**  
54848E

# Trichromacy



**Original Color**  
54848D

**Protanomaly**  
6D7E89

**Deuteranomaly**  
6F7D8E

**Tritanomaly**  
54848E

# Monochromacy



**Original Color**  
54848D

**Achromatopsia**  
777777

**Achromatomaly**  
6A7C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54848D 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 #54848D looks like.

```
.text, #text, p{  
    color:#54848D  
}
```

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 #54848D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54848D
}
```

## Border

The CSS property to change the border of an element to Hex 54848D 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
#54848D }
```

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

```
.border{ border-color:#54848D }
```

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

Here you see how a box with a 4 pixel #54848D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54848D; -webkit-box-shadow:4px 4px  
4px 4px #54848D; box-shadow:4px 4px 4px  
4px #54848D }
```

# Background

The CSS property to change the background color of an element to Hex 54848D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54848D }
```

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

```
.background{ background-color:#54848D }
```

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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