

# Converting Colors

Hex(54727B)

Have a look what the booklet for  
Hex(54727B) contains.

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# Color

Hex(54727B)

# Conversions

## Conversions Part 1

Format	Color
Hex	54727B
RGB	84, 114, 123
RGB Percent	33%, 45%, 48%
CMY	0.6706, 0.5529, 0.5176
CMYK	0.32, 0.07, 0.00, 0.52
HSL	194°, 19%, 41%
HSV	194°, 32%, 48%
XYZ	13.2486, 15.3495, 21.0034
YIQ	106.0560, -20.7690, -3.5610

# Conversions

## Conversions Part 2

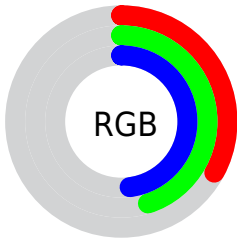
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 101, 123
Decimal	5534331
CIE <sub>Lab</sub>	46.11, -8.46, -8.47
CIE <sub>LCh</sub>	46, 11.978, 225.033
Yxy	15.3495, 0.2671, 0.3095
Android (android.graphics.Color)	4283724411 (0xFF54727B)
YUV	106.0560, 8.3534, -19.3431
Hunter-Lab	39.1784, -8.2005, -4.3602

# Details

The Hex color **54727B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B5D54**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **87A6AF**, and **24424A** is the 20% darker color. If you saturate the color by 10%, you get **486F7B**, and if you desaturate by 10%, it is **60757B**.

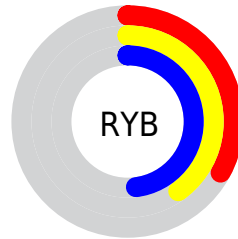
# Distribution



Red (33%)

Green (45%)

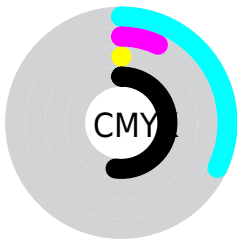
Blue (48%)



Red (33%)

Yellow (40%)

Blue (48%)

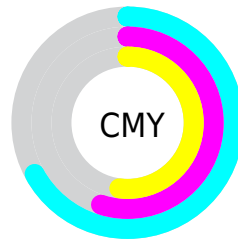


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (55%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54727B 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 54727B by changing the saturation by 10% instead.



■ 54727B

■ 54727B

FFFFFF

■ 3C5962

■ 87A6AF

■ 24424A

■ A1C1CB

■ 0C2C34

■ BDDDE7

■ 00181F

■ D9F9FF

■ 000004

■ F5FFFF

■ 000000

■ 54727B

■ 54727B

■ 486F7B

■ 60757B

■ 3B6C7B

■ 6D787B

■ 2F697B

■ 797B7B

■ 23677B

■ 857D7B

■ 17647B

■ 92807B

■ 0A617B

■ 9E837B

■ 005F7B

■ AA867B

■ B6897B

■ C38C7B

# Harmonies

## Analogous

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



537372



54727B



5C7080

# Triad

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



54727B



7E6773



706E5A

# Complementary

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



54727B



7B5D54

# 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.



7A6B5A



54727B



826668

# Square

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



54727B



75697B



81685F



64715F

# Rectangle

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



54727B



646D81



81685F



736D59



# Sweetspot

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



54727B



919DA1



547B5C



484F52



D1D1D1



525252



# Same Dimension

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



54727B



6493A1



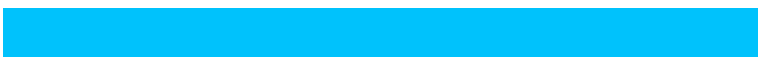
545F7B



373C3D



00607D



00C2FC



# Inverse Universe

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



7B5472



A16493



7B7054



3D373C



7D0060



FC00C2



# Previews

## White Background



This preview shows how the Hex color 54727B looks on a white background.

## Color Contrast Check

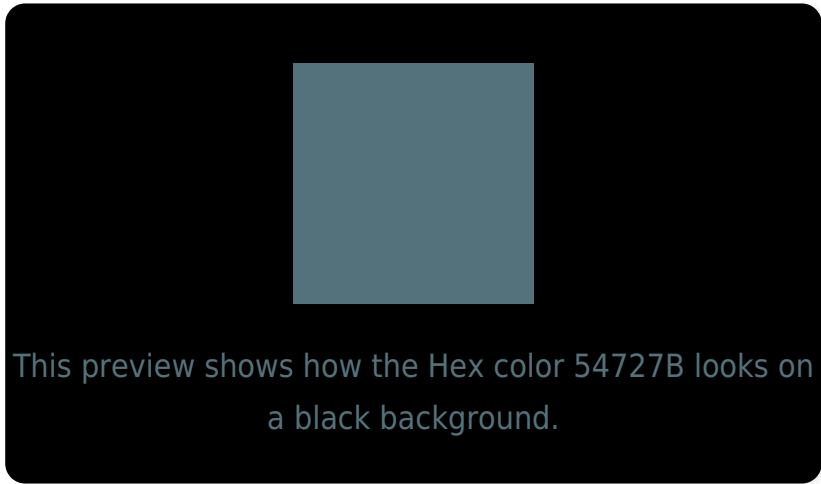
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

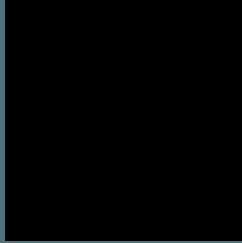
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

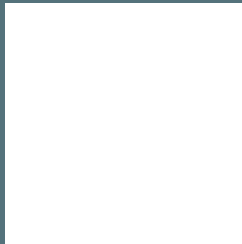
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54727B Background



This preview shows how black text looks on a background with the Hex color 54727B.

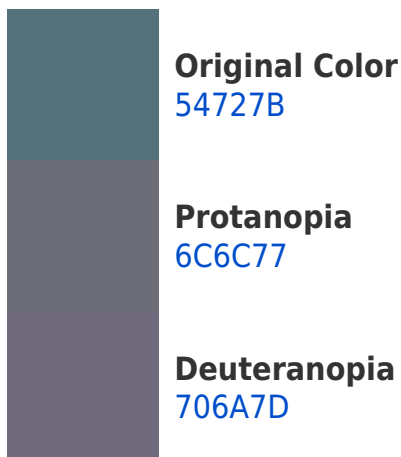


This preview shows how white text looks on a background with the Hex color 54727B.

# 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](#).

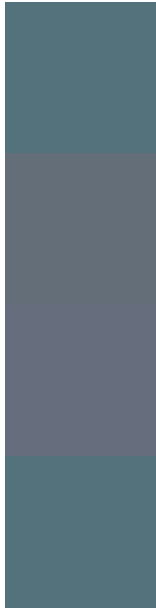
## Dichromacy





**Tritanopia**  
54727B

# Trichromacy



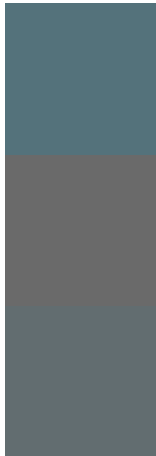
**Original Color**  
54727B

**Protanomaly**  
636E78

**Deuteranomaly**  
666D7C

**Tritanomaly**  
54727B

# Monochromacy



**Original Color**  
54727B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
626D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54727B 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 #54727B looks like.

```
.text, #text, p{  
    color:#54727B  
}
```

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 #54727B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54727B
}
```

## Border

The CSS property to change the border of an element to Hex 54727B 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
#54727B }
```

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

```
.border{ border-color:#54727B }
```

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

Here you see how a box with a 4 pixel #54727B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54727B; -webkit-box-shadow:4px 4px  
4px 4px #54727B; box-shadow:4px 4px 4px  
4px #54727B }
```

# Background

The CSS property to change the background color of an element to Hex 54727B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54727B }
```

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

```
.background{ background-color:#54727B }
```

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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