

# Converting Colors

Hex(52787A)

Have a look what the booklet for  
Hex(52787A) contains.

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# Color

Hex(52787A)

# Conversions

## Conversions Part 1

Format	Color
Hex	52787A
RGB	82, 120, 122
RGB Percent	32%, 47%, 48%
CMY	0.6784, 0.5294, 0.5216
CMYK	0.33, 0.02, 0.00, 0.52
HSL	183°, 20%, 40%
HSV	183°, 33%, 48%
XYZ	13.7090, 16.6319, 20.9001
YIQ	108.8660, -23.2900, -7.4340

# Conversions

## Conversions Part 2

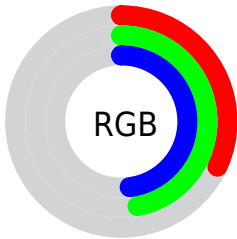
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 101, 122
Decimal	5404794
CIE <sub>Lab</sub>	47.79, -12.75, -5.38
CIE <sub>LCh</sub>	48, 13.843, 202.881
Yxy	16.6319, 0.2675, 0.3246
Android (android.graphics.Color)	4283594874 (0xFF52787A)
YUV	108.8660, 6.4751, -23.5615
Hunter-Lab	40.7823, -11.3660, -1.8374

# Details

The Hex color **52787A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5452**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **85ACAE**, and **224749** is the 20% darker color. If you saturate the color by 10%, you get **46777A**, and if you desaturate by 10%, it is **5E797A**.

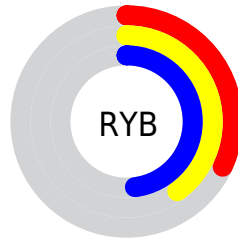
# Distribution



Red (32%)

Green (47%)

Blue (48%)



Red (32%)

Yellow (40%)

Blue (48%)

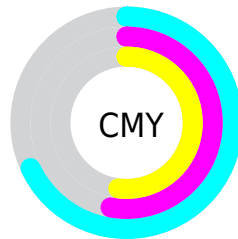


Cyan (33%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (53%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52787A 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 52787A by changing the saturation by 10% instead.



■ 52787A

■ 52787A

FFFFFF

■ 3A5F61

■ 85ACAE

■ 224749

■ A0C8CA

■ 083133

■ BBE4E6

■ 001C1E

■ D7FFFF

■ 000004

■ F4FFFF

■ 000000

■ 52787A

■ 52787A

■ 46777A

■ 5E797A

■ 3A777A

■ 6A797A

■ 2D767A

■ 777A7A

■ 21767A

■ 837A7A

■ 15757A

■ 8F7B7A

■ 09747A

■ 9B7C7A

■ 00747A

■ A77C7A

■ B47D7A

■ C07D7A

# Harmonies

## Analogous

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



58786E



52787A



557684

# Triad

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



52787A



7E6C80



7D705A

# Complementary

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



52787A



7A5452

# 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.



866C5F



52787A



876975

# Square

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



52787A



706F87



8A6A69



71735C

# Rectangle

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



52787A



5C7487



8A6A69



816E5B



# Sweetspot

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



52787A



8E9D9E



527A54



464F4F



CFCFCF



4F4F4F



# Same Dimension

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



52787A



609B9E



52647A



373D3D



00777D



00F0FC



# Inverse Universe

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



7A5278



9E609B



7A6852



3D373D



7D0077



FC00F0



# Previews

## White Background



This preview shows how the Hex color 52787A looks on a white background.

## Color Contrast Check

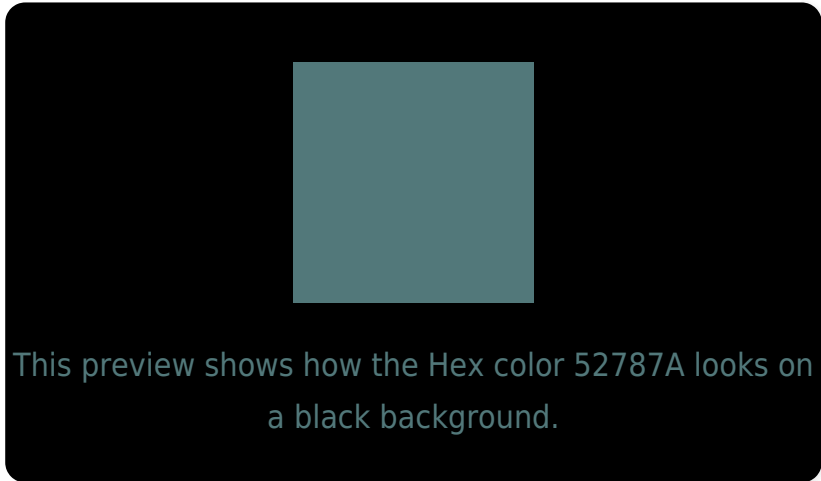
Large Text (above 18pt) WCAG AA ✓ Pass

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

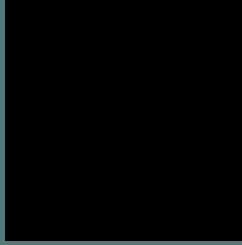
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 52787A Background



This preview shows how black text looks on a background with the Hex color 52787A.



This preview shows how white text looks on a background with the Hex color 52787A.

# 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](#).

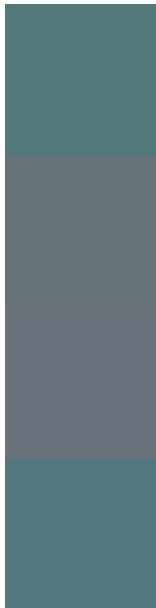
## Dichromacy





**Tritanopia**  
547781

# Trichromacy



**Original Color**  
52787A

**Protanomaly**  
667377

**Deuteranomaly**  
6A727B

**Tritanomaly**  
53777E

# Monochromacy



**Original Color**  
52787A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
637172

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52787A 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 #52787A looks like.

```
.text, #text, p{  
    color:#52787A  
}
```

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 #52787A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52787A
}
```

## Border

The CSS property to change the border of an element to Hex 52787A 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".

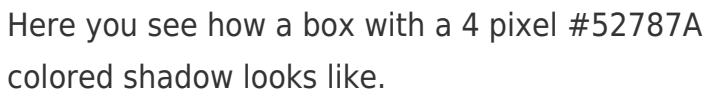
```
.border, #border, table{ border:4px solid
#52787A }
```

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

```
.border{ border-color:#52787A }
```

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

Here you see how a box with a 4 pixel #52787A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52787A; -webkit-box-shadow:4px 4px  
4px 4px #52787A; box-shadow:4px 4px 4px  
4px #52787A }
```

# Background

The CSS property to change the background color of an element to Hex 52787A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52787A }
```

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

```
.background{ background-color:#52787A }
```

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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