

# Converting Colors

Hex(52877C)

Have a look what the booklet for  
Hex(52877C) contains.

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# Color

Hex(52877C)

# Conversions

## Conversions Part 1

Format	Color
Hex	52877C
RGB	82, 135, 124
RGB Percent	32%, 53%, 49%
CMY	0.6784, 0.4706, 0.5137
CMYK	0.39, 0.00, 0.08, 0.47
HSL	168°, 24%, 43%
HSV	168°, 39%, 53%
XYZ	15.7817, 20.5770, 22.2088
YIQ	117.8990, -28.0570, -14.6570

# Conversions

## Conversions Part 2

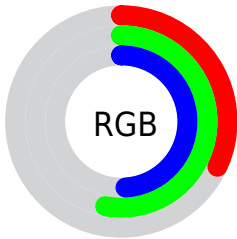
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 112, 135
Decimal	5408636
CIELab	52.48, -20.37, 0.35
CIELCh	52, 20.374, 179.028
Yxy	20.5770, 0.2695, 0.3513
Android (android.graphics.Color)	4283598716 (0xFF52877C)
YUV	117.8990, 3.0078, -31.4834
Hunter-Lab	45.3619, -17.2819, 2.7255

# Details

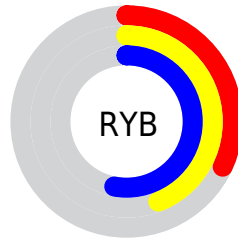
The Hex color **52877C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87525D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **86BCB0**, and **1F554B** is the 20% darker color. If you saturate the color by 10%, you get **458779**, and if you desaturate by 10%, it is **60877F**.

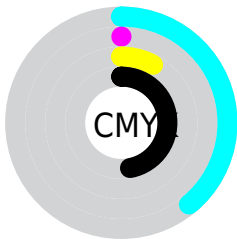
# Distribution



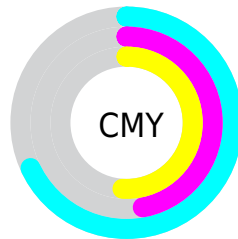
- Red (32%)
- Green (53%)
- Blue (49%)



- Red (32%)
- Yellow (44%)
- Blue (53%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (68%)
- Magenta (47%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52877C 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 52877C by changing the saturation by 10% instead.



■ 52877C

■ 52877C

FFFFFF

■ 396E63

■ 86BCB0

■ 1F554B

■ A1D8CC

■ 013E35

■ BCF5E8

■ 002720

■ D9FFFF

■ 001008

■ F5FFFF

■ 000000

■ 52877C

■ 52877C

■ 458779

■ 60877F

■ 378776

■ 6D8782

■ 2A8774

■ 7B8784

■ 1C8771

■ 888787

■ 0F876E

■ 96878A

■ 01876B

■ A3878D

■ 00876B

■ B18790

■ BE8792

■ CC8795

# Harmonies

## Analogous

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



64856B



52877C



49878E

# Triad

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



52877C



7F799C



997660

# Complementary

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



52877C



87525D

# 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.



A0726D



52877C



93738F

# Square

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



52877C



677FA0



9F717E



8B7C5A

# Rectangle

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



52877C



4D8597



9F717E



9C7464



# Sweetspot

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



52877C



9BB0AC



5D8752



4D5957



D9D9D9



595959



# Same Dimension

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



52877C



5DB09F



527887



3C4241



008267



000302



# Inverse Universe

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



87525D



B05D6E



876152



423C3D



82001B



030001



# Previews

## White Background



This preview shows how the Hex color 52877C looks on a white background.

## Color Contrast Check

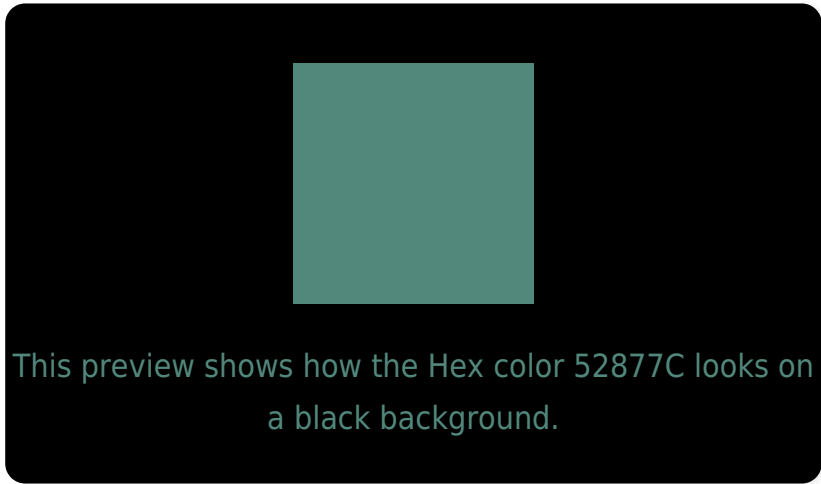
Large Text (above 18pt) WCAG AA ✓ Pass

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

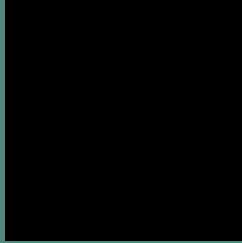
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 52877C Background



This preview shows how black text looks on a background with the Hex color 52877C.

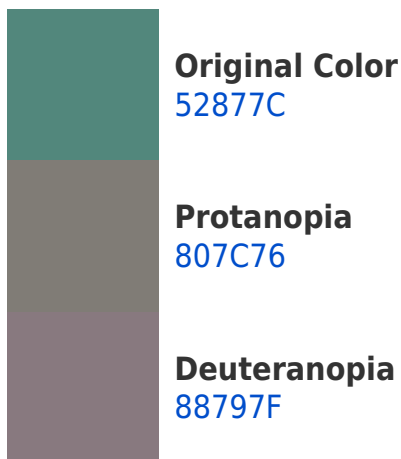



This preview shows how white text looks on a background with the Hex color 52877C.

# 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**  
57848F

# Trichromacy



**Original Color**  
52877C

**Protanomaly**  
6F8078

**Deuteranomaly**  
747E7E

**Tritanomaly**  
558588

# Monochromacy



**Original Color**  
52877C

**Achromatopsia**  
767676

**Achromatomaly**  
697C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52877C 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 #52877C looks like.

```
.text, #text, p{  
  color:#52877C  
}
```

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 #52877C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52877C
}
```

## Border

The CSS property to change the border of an element to Hex 52877C 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
#52877C }
```

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

```
.border{ border-color:#52877C }
```

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

Here you see how a box with a 4 pixel #52877C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52877C; -webkit-box-shadow:4px 4px  
4px 4px #52877C; box-shadow:4px 4px 4px  
4px #52877C }
```

# Background

The CSS property to change the background color of an element to Hex 52877C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52877C }
```

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

```
.background{ background-color:#52877C }
```

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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