

# Converting Colors

Hex(52806A)

Have a look what the booklet for  
Hex(52806A) contains.

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# Color

**Hex(52806A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52806A
RGB	82, 128, 106
RGB Percent	32%, 50%, 42%
CMY	0.6784, 0.4980, 0.5843
CMYK	0.36, 0.00, 0.17, 0.50
HSL	151°, 22%, 41%
HSV	151°, 36%, 50%
XYZ	13.8004, 18.2728, 16.4353
YIQ	111.7380, -20.3540, -16.5940

# Conversions

## Conversions Part 2

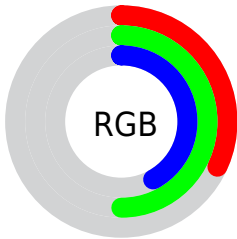
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 112, 128
Decimal	5406826
CIELab	49.83, -20.93, 7.00
CIELCh	50, 22.073, 161.501
Yxy	18.2728, 0.2845, 0.3767
Android (android.graphics.Color)	4283596906 (0xFF52806A)
YUV	111.7380, -2.8288, -26.0802
Hunter-Lab	42.7467, -17.1796, 7.1268

# Details

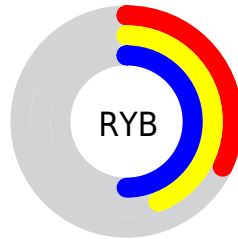
The Hex color **52806A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **805268**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **85B59D**, and **214F3B** is the 20% darker color. If you saturate the color by 10%, you get **458064**, and if you desaturate by 10%, it is **5F8070**.

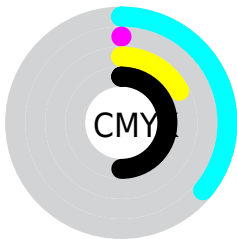
# Distribution



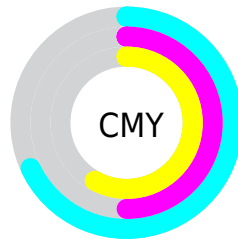
- Red (32%)
- Green (50%)
- Blue (42%)



- Red (32%)
- Yellow (44%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (50%)



- Cyan (68%)
- Magenta (50%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52806A 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 52806A by changing the saturation by 10% instead.



■ 52806A

■ 52806A

FFFFFF

■ 3A6752

■ 85B59D

■ 214F3B

■ A0D1B8

■ 073725

■ BBEDD4

■ 002210

■ D7FFF0

■ 000000

■ F4FFFF

■ 52806A

■ 52806A

■ 458064

■ 5F8070

■ 38805E

■ 6C8076

 2C8058

 78807C

 1F8052

 858082

 12804B

 928089

 058045

 9F808F

 008043

 AC8095

 B8809B

 C580A1

# Harmonies

## Analogous

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



687D5A



52806A



40817D

# Triad

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



52806A



69769B



996C5F

# Complementary

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



52806A



805268

# 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.



9C6970



52806A



826F93

# Square

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



52806A



4E7C9A



946A83



8E7153

# Rectangle

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



52806A



3C8089



946A83



9B6A64



# Sweetspot

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



52806A



94A69D



688052



49544F



D4D4D4



545454



# Same Dimension

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



52806A



5EA684



527F80



39403D



008043



000000



# Inverse Universe

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



805268



A65E81



805352



40393C



80003D



000000



# Previews

## White Background



This preview shows how the Hex color 52806A looks on a white background.

## Color Contrast Check

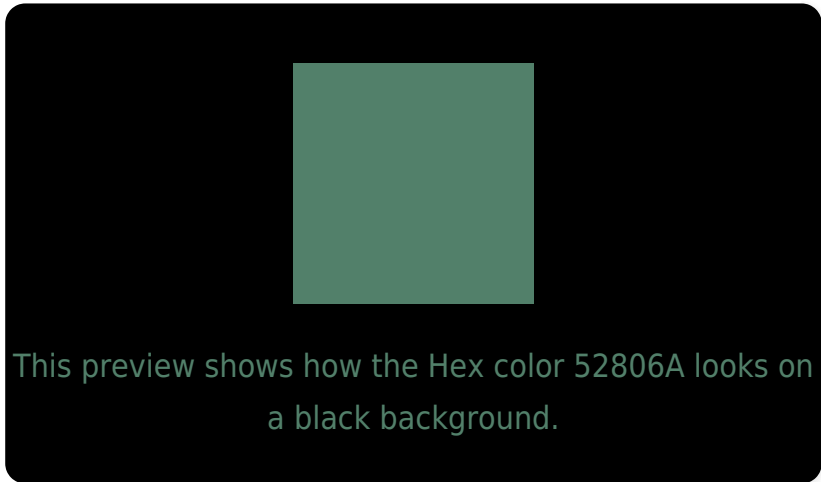
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

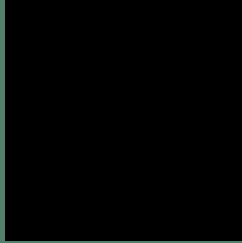
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 52806A Background



This preview shows how black text looks on a background with the Hex color 52806A.

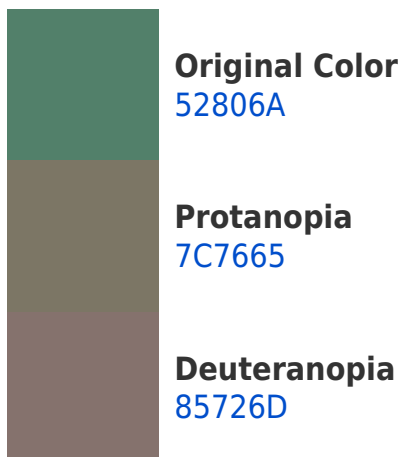



This preview shows how white text looks on a background with the Hex color 52806A.

# 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**  
587C86

# Trichromacy



**Original Color**  
52806A

**Protanomaly**  
6D7A67

**Deuteranomaly**  
72776C

**Tritanomaly**  
567D7C

# Monochromacy



**Original Color**  
52806A

**Achromatopsia**  
707070

**Achromatomaly**  
65766E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52806A 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 #52806A looks like.

```
.text, #text, p{  
    color:#52806A  
}
```

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 #52806A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52806A
}
```

## Border

The CSS property to change the border of an element to Hex 52806A 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
#52806A }
```

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

```
.border{ border-color:#52806A }
```

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

Here you see how a box with a 4 pixel #52806A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52806A; -webkit-box-shadow:4px 4px  
4px 4px #52806A; box-shadow:4px 4px 4px  
4px #52806A }
```

# Background

The CSS property to change the background color of an element to Hex 52806A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52806A }
```

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

```
.background{ background-color:#52806A }
```

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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