

# Converting Colors

Hex(55826C)

Have a look what the booklet for  
Hex(55826C) contains.

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# Color

Hex(55826C)

# Conversions

## Conversions Part 1

Format	Color
Hex	55826C
RGB	85, 130, 108
RGB Percent	33%, 51%, 42%
CMY	0.6667, 0.4902, 0.5765
CMYK	0.35, 0.00, 0.17, 0.49
HSL	151°, 21%, 42%
HSV	151°, 35%, 51%
XYZ	14.4357, 18.9793, 17.0899
YIQ	114.0370, -19.7580, -16.3820

# Conversions

## Conversions Part 2

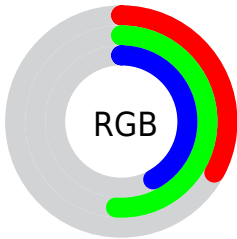
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 115, 130
Decimal	5603948
CIELab	50.66, -20.57, 7.05
CIELCh	51, 21.746, 161.076
Yxy	18.9793, 0.2858, 0.3758
Android (android.graphics.Color)	4283794028 (0xFF55826C)
YUV	114.0370, -2.9762, -25.4654
Hunter-Lab	43.5652, -17.0915, 7.2372

# Details

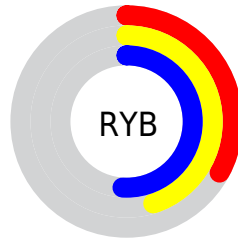
The Hex color **55826C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **82556B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **88B79F**, and **25503D** is the 20% darker color. If you saturate the color by 10%, you get **488266**, and if you desaturate by 10%, it is **628272**.

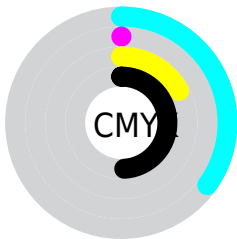
# Distribution



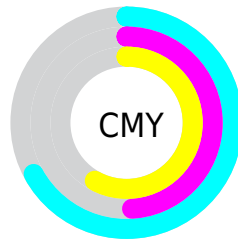
- Red (33%)
- Green (51%)
- Blue (42%)



- Red (33%)
- Yellow (45%)
- Blue (51%)



- Cyan (35%)
- Magenta (0%)
- Yellow (17%)
- Black (49%)



- Cyan (67%)
- Magenta (49%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55826C 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 55826C by changing the saturation by 10% instead.



■ 55826C

■ 55826C

FFFFFF

■ 3D6954

■ 88B79F

■ 25503D

■ A3D3BA

■ 0B3927

■ BEEFD6

■ 002312

■ DAFFF2

■ 000500

■ F7FFFF

■ 000000

■ 55826C

■ 55826C

■ 488266

■ 628272

■ 3B825F

■ 6F8279

 2E8259

 7C827F

 218253

 898285

 14824C

 96828C

 078246

 A38292

 008242

 B08298

 BD829F

 CA82A5

# Harmonies

## Analogous

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



6A7F5C



55826C



44837F

# Triad

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



55826C



6B789D



9B6E61

# Complementary

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



55826C



82556B

# 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.



9E6B72



55826C



847195

# Square

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



55826C



517E9B



966C85



907356

# Rectangle

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



55826C



3F828B



966C85



9D6C66



# Sweetspot

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



55826C



97A8A0



6B8255



4A544F



D4D4D4



545454



# Same Dimension

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



55826C



62A886



558282



39403D



008041



000000



# Inverse Universe

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



82556B



A86284



825555



40393C



80003E



000000



# Previews

## White Background



This preview shows how the Hex color 55826C looks on a white background.

## Color Contrast Check

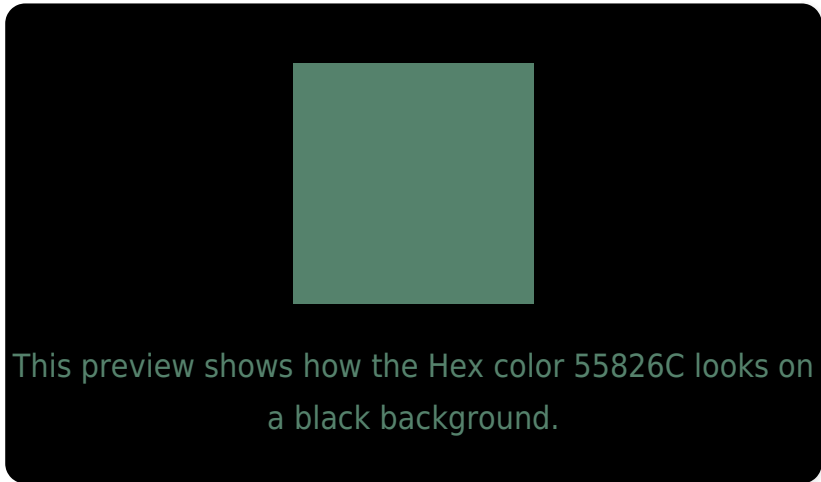
Large Text (above 18pt) WCAG AA ✓ Pass

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

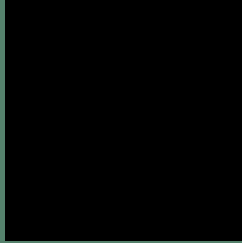
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

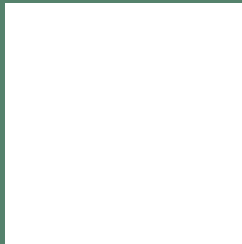
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55826C Background



This preview shows how black text looks on a background with the Hex color 55826C.

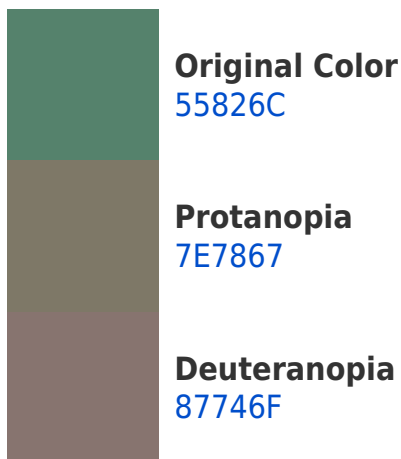


This preview shows how white text looks on a background with the Hex color 55826C.

# 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**  
5B7E88

# Trichromacy



**Original Color**  
55826C

**Protanomaly**  
6F7C69

**Deuteranomaly**  
75796E

**Tritanomaly**  
597F7E

# Monochromacy



**Original Color**  
55826C

**Achromatopsia**  
727272

**Achromatomaly**  
677870

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55826C 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 #55826C looks like.

```
.text, #text, p{  
    color:#55826C  
}
```

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 #55826C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55826C
}
```

## Border

The CSS property to change the border of an element to Hex 55826C 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
#55826C }
```

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

```
.border{ border-color:#55826C }
```

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

Here you see how a box with a 4 pixel #55826C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55826C; -webkit-box-shadow:4px 4px  
4px 4px #55826C; box-shadow:4px 4px 4px  
4px #55826C }
```

# Background

The CSS property to change the background color of an element to Hex 55826C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55826C }
```

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

```
.background{ background-color:#55826C }
```

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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