

# Converting Colors

Hex(55836C)

Have a look what the booklet for  
Hex(55836C) contains.

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# Color

Hex(55836C)

# Conversions

## Conversions Part 1

Format	Color
Hex	55836C
RGB	85, 131, 108
RGB Percent	33%, 51%, 42%
CMY	0.6667, 0.4863, 0.5765
CMYK	0.35, 0.00, 0.18, 0.49
HSL	150°, 21%, 42%
HSV	150°, 35%, 51%
XYZ	14.5694, 19.2466, 17.1344
YIQ	114.6240, -20.0330, -16.9050

# Conversions

## Conversions Part 2

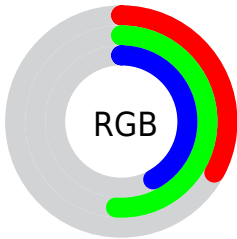
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 116, 131
Decimal	5604204
CIELab	50.97, -21.09, 7.50
CIElCh	51, 22.385, 160.436
Yxy	19.2466, 0.2860, 0.3778
Android (android.graphics.Color)	4283794284 (0xFF55836C)
YUV	114.6240, -3.2656, -25.9802
Hunter-Lab	43.8710, -17.4950, 7.5531

# Details

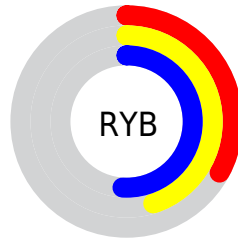
The Hex color **55836C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **83556C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **88B89F**, and **24513D** is the 20% darker color. If you saturate the color by 10%, you get **488365**, and if you desaturate by 10%, it is **628373**.

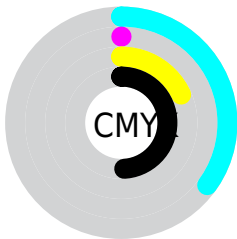
# Distribution



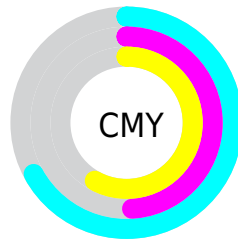
- Red (33%)
- Green (51%)
- Blue (42%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 55836C 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 55836C by changing the saturation by 10% instead.





55836C



55836C

FFFFFF



3D6A54



88B89F



24513D



A3D4BA



0B3A27



BEF0D6



002412



DBFFF2



000700



F7FFFF



000000



55836C



55836C



488365



628373



3B835F



6F8379

■ 2E8358

■ 7C8380

■ 218352

■ 898386

■ 13834B

■ 97838D

■ 068345

■ A48393

■ 008342

■ B1839A

■ BE83A0

■ CB83A7

# Harmonies

## Analogous

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



6B805C



55836C



438480

# Triad

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



55836C



6B799F



9D6E62

# Complementary

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



55836C



83556C

# 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.



A06B73



55836C



857297

# Square

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



55836C



4F7F9D



976D87



927456

# Rectangle

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



55836C



3E838C



976D87



9F6D67



# Sweetspot

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



55836C



98ABA1



6C8355



4B5751



D6D6D6



575757



# Same Dimension

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



55836C



63AB87



558383



3C423F



008241



000301



# Inverse Universe

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



83556C



AB6387



835555



423C3F



820041



030001



# Previews

## White Background



This preview shows how the Hex color 55836C looks on a white background.

## Color Contrast Check

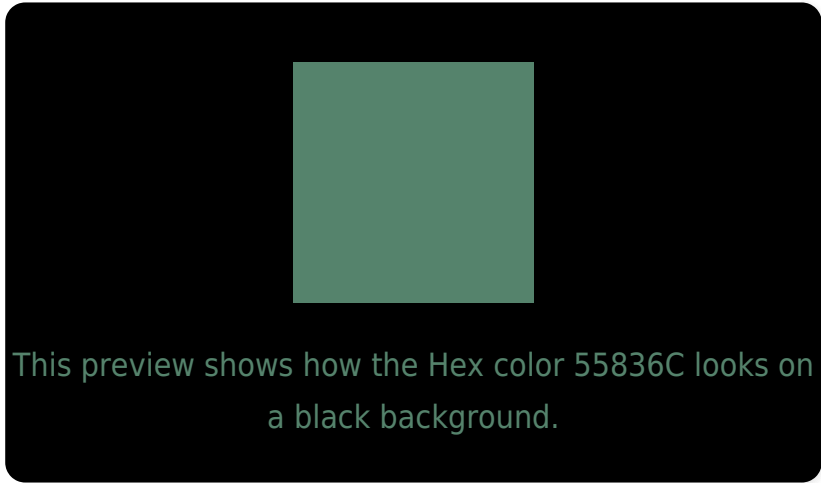
Large Text (above 18pt) WCAG AA ✓ Pass

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

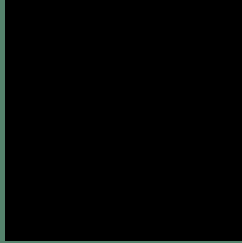
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 55836C Background



This preview shows how black text looks on a background with the Hex color 55836C.

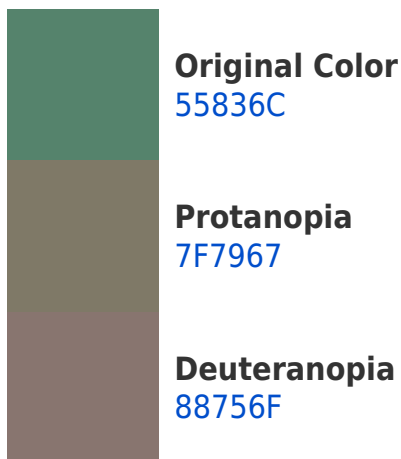


This preview shows how white text looks on a background with the Hex color 55836C.

# 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**  
5B7F89

# Trichromacy



**Original Color**  
55836C

**Protanomaly**  
707D69

**Deuteranomaly**  
757A6E

**Tritanomaly**  
59807E

# Monochromacy



**Original Color**  
55836C

**Achromatopsia**  
737373

**Achromatomaly**  
687970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55836C 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 #55836C looks like.

```
.text, #text, p{  
    color:#55836C  
}
```

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 #55836C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55836C
}
```

## Border

The CSS property to change the border of an element to Hex 55836C 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
#55836C }
```

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

```
.border{ border-color:#55836C }
```

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

Here you see how a box with a 4 pixel #55836C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55836C; -webkit-box-shadow:4px 4px  
4px 4px #55836C; box-shadow:4px 4px 4px  
4px #55836C }
```

# Background

The CSS property to change the background color of an element to Hex 55836C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55836C }
```

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

```
.background{ background-color:#55836C }
```

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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