

# Converting Colors

Hex(54876C)

Have a look what the booklet for  
Hex(54876C) contains.

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**Color**

**Hex(54876C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54876C
RGB	84, 135, 108
RGB Percent	33%, 53%, 42%
CMY	0.6706, 0.4706, 0.5765
CMYK	0.38, 0.00, 0.20, 0.47
HSL	148°, 23%, 43%
HSV	148°, 38%, 53%
XYZ	15.0269, 20.2955, 17.3128
YIQ	116.6730, -21.7290, -19.2090

# Conversions

## Conversions Part 2

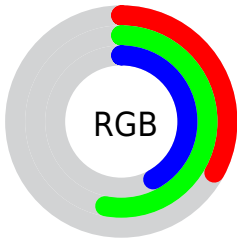
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">84, 119, 135</a>
Decimal	<a href="#">5539692</a>
CIELab	<a href="#">52.17, -23.47, 9.18</a>
CIElCh	<a href="#">52, 25.204, 158.633</a>
Yxy	<a href="#">20.2955, 0.2855, 0.3856</a>
Android (android.graphics.Color)	<a href="#">4283729772 (0xFF54876C)</a>
YUV	<a href="#">116.6730, -4.2758, -28.6542</a>
Hunter-Lab	<a href="#">45.0505, -19.2985, 8.7504</a>

# Details

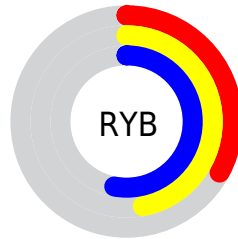
The Hex color **54876C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **87546F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **88BD9F**, and **23553D** is the 20% darker color. If you saturate the color by 10%, you get **468765**, and if you desaturate by 10%, it is **628773**.

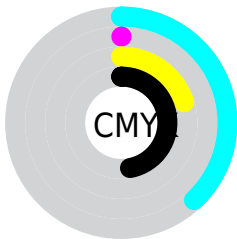
# Distribution



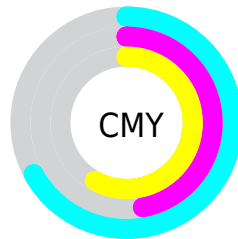
- Red (33%)
- Green (53%)
- Blue (42%)



- Red (33%)
- Yellow (47%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (20%)
- Black (47%)



- Cyan (67%)
- Magenta (47%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54876C 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 54876C by changing the saturation by 10% instead.



■ 54876C

■ 54876C

FFFFFF

■ 3B6D54

■ 88BD9F

■ 23553D

■ A2D8BA

■ 073D27

■ BEF5D6

■ 002712

■ DAFFF3

■ 000E00

■ F7FFFF

■ 000000

■ 54876C

■ 54876C

■ 468765

■ 628773

■ 39875E

■ 6F877A

■ 2C8757

■ 7D8781

■ 1E874F

■ 8A8789

■ 118748

■ 988790

■ 038741

■ A58797

■ 008740

■ B3879E

■ C087A5

■ CE87AC

# Harmonies

## Analogous

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



6D835A



54876C



3D8882

# Triad

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



54876C



697CA7



A56F62

# Complementary

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



54876C



87546F

# 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.



A76C77



54876C



87759E

# Square

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



54876C



4983A4



9D6E8D



997655

# Rectangle

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



54876C



348890



9D6E8D



A76E69



# Sweetspot

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



54876C



9DB0A6



6F8754



4E5953



D9D9D9



595959



# Same Dimension

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



54876C



61B086



548785



3C423F



00823D



000301



# Inverse Universe

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



87546F



B0618B



875456



423C3F



820045



030001



# Previews

## White Background



This preview shows how the Hex color 54876C looks on a white background.

## Color Contrast Check

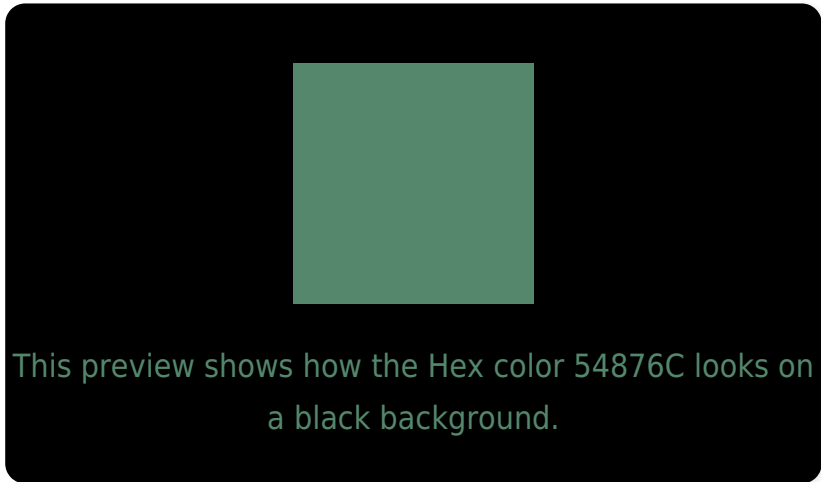
Large Text (above 18pt) WCAG AA ✓ Pass

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

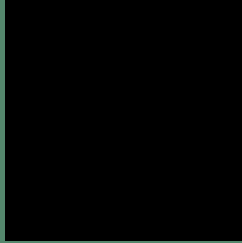
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

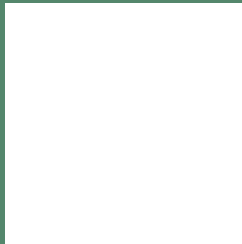
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54876C Background



This preview shows how black text looks on a background with the Hex color 54876C.

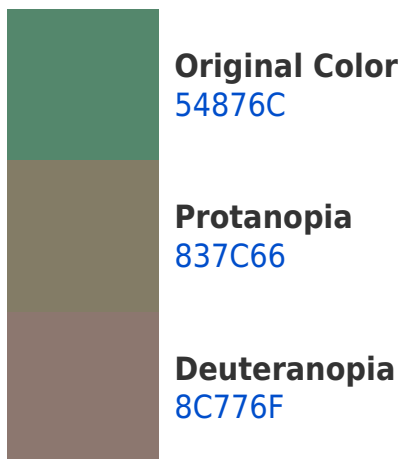



This preview shows how white text looks on a background with the Hex color 54876C.

# 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**  
5B828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54876C 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 #54876C looks like.

```
.text, #text, p{  
    color:#54876C  
}
```

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 #54876C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54876C
}
```

## Border

The CSS property to change the border of an element to Hex 54876C 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".

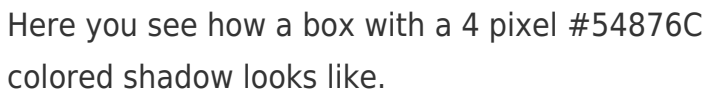
```
.border, #border, table{ border:4px solid
#54876C }
```

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

```
.border{ border-color:#54876C }
```

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

Here you see how a box with a 4 pixel #54876C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54876C; -webkit-box-shadow:4px 4px  
4px 4px #54876C; box-shadow:4px 4px 4px  
4px #54876C }
```

# Background

The CSS property to change the background color of an element to Hex 54876C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54876C }
```

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

```
.background{ background-color:#54876C }
```

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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