

# Converting Colors

Hex(5C9573)

Have a look what the booklet for  
Hex(5C9573) contains.

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# Color

Hex(5C9573)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C9573
RGB	92, 149, 115
RGB Percent	36%, 58%, 45%
CMY	0.6392, 0.4157, 0.5490
CMYK	0.38, 0.00, 0.23, 0.42
HSL	144°, 24%, 47%
HSV	144°, 38%, 58%
XYZ	18.2556, 25.0080, 20.0845
YIQ	128.0810, -23.0580, -22.6580

# Conversions

## Conversions Part 2

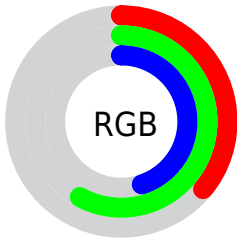
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 133, 149
Decimal	6067571
CIE <sub>Lab</sub>	57.08, -26.53, 12.16
CIE <sub>LCh</sub>	57, 29.182, 155.382
Yxy	25.0080, 0.2882, 0.3948
Android (android.graphics.Color)	4284257651 (0xFF5C9573)
YUV	128.0810, -6.4489, -31.6430
Hunter-Lab	50.0080, -22.3520, 11.1932

# Details

The Hex color **5C9573** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **955C7E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **90CBA7**, and **2A6243** is the 20% darker color. If you saturate the color by 10%, you get **4D956A**, and if you desaturate by 10%, it is **6B957C**.

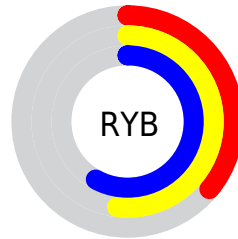
# Distribution



Red (36%)

Green (58%)

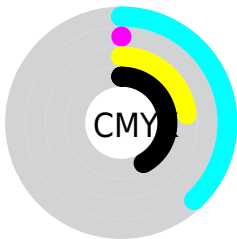
Blue (45%)



Red (36%)

Yellow (52%)

Blue (58%)

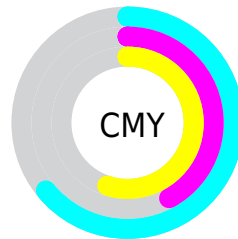


Cyan (38%)

Magenta (0%)

Yellow (23%)

Black (42%)



Cyan (64%)

Magenta (42%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C9573 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 5C9573 by changing the saturation by 10% instead.



 5C9573

 5C9573

FFFFFF

 437B5A

 90CBA7

 2A6243

 ACE8C2

 0E4A2D

 C7FFDE

 003318

 E4FFFB


 001F00

 000000

 5C9573

 5C9573

 4D956A

 6B957C

 3E9561

 7A9585

 2F9558

 89958E

 20954F

 989597

 129547

 A7959F

 03953E

 B595A8

 00953C

 C495B1

 D395BA

 E295C3

# Harmonies

## Analogous

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



7A905F



5C9573



3D978D

# Triad

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



5C9573



6D8ABB



B9796D

# Complementary

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



5C9573



955C7E

# 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.



BA7685



5C9573



9281B3

# Square

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



5C9573



4591B7



AD799F



AC805B

# Rectangle

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



5C9573



2E969E



AD799F



BB7774



# Sweetspot

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



5C9573



ACC2B5



7E955C



546159



E0E0E0



616161



# Same Dimension

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



5C9573



69C28D



5C958F



434A46



008A38



000A04



# Inverse Universe

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



955C7E



C2699E



955C62



4A4347



8A0052



0A0006



# Previews

## White Background



This preview shows how the Hex color 5C9573 looks on a white background.

## Color Contrast Check

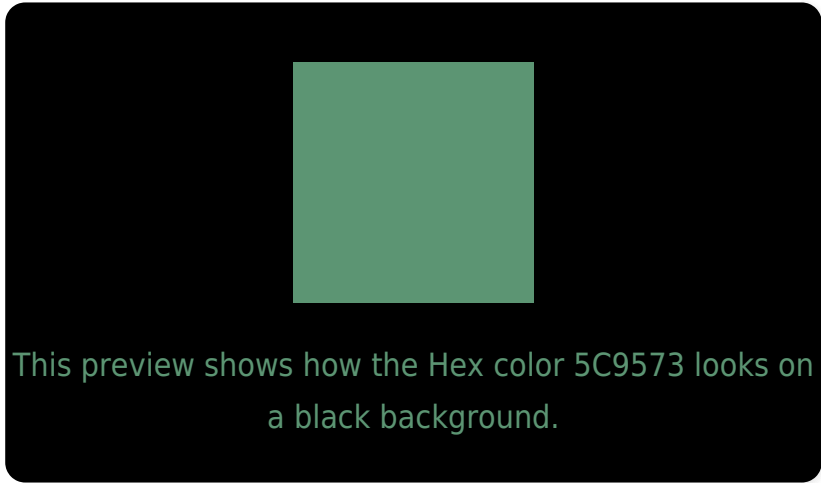
Large Text (above 18pt) WCAG AA ✓ Pass

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

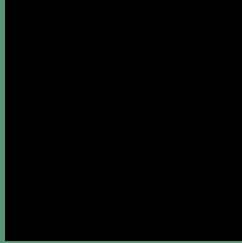
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C9573 Background



This preview shows how black text looks on a background with the Hex color 5C9573.



This preview shows how white text looks on a background with the Hex color 5C9573.

# 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**  
65909B

# Trichromacy



**Original Color**  
5C9573

**Protanomaly**  
7E8D6F

**Deuteranomaly**  
858A76

**Tritanomaly**  
62928C

# Monochromacy



**Original Color**  
5C9573

**Achromatopsia**  
808080

**Achromatomaly**  
73887B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C9573 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 #5C9573 looks like.

```
.text, #text, p{  
    color:#5C9573  
}
```

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 #5C9573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9573
}
```

## Border

The CSS property to change the border of an element to Hex 5C9573 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
#5C9573 }
```

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

```
.border{ border-color:#5C9573 }
```

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

Here you see how a box with a 4 pixel #5C9573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9573; -webkit-box-shadow:4px 4px  
4px 4px #5C9573; box-shadow:4px 4px 4px  
4px #5C9573 }
```

# Background

The CSS property to change the background color of an element to Hex 5C9573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9573 }
```

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

```
.background{ background-color:#5C9573 }
```

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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