

# Converting Colors

Hex(5F9573)

Have a look what the booklet for  
Hex(5F9573) contains.

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# Color

Hex(5F9573)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9573
RGB	95, 149, 115
RGB Percent	37%, 58%, 45%
CMY	0.6275, 0.4157, 0.5490
CMYK	0.36, 0.00, 0.23, 0.42
HSL	142°, 22%, 48%
HSV	142°, 36%, 58%
XYZ	18.5613, 25.1656, 20.0988
YIQ	128.9780, -21.2700, -22.0220

# Conversions

## Conversions Part 2

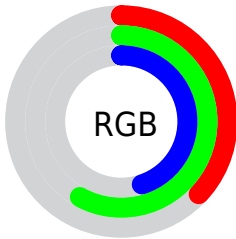
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 134, 149
Decimal	6264179
CIE <sub>Lab</sub>	57.24, -25.59, 12.39
CIE <sub>LCh</sub>	57, 28.432, 154.158
Yxy	25.1656, 0.2908, 0.3943
Android (android.graphics.Color)	4284454259 (0xFF5F9573)
YUV	128.9780, -6.8912, -29.7987
Hunter-Lab	50.1653, -21.7439, 11.3611

# Details

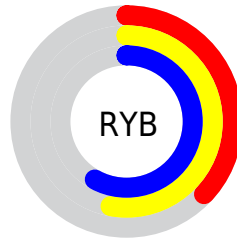
The Hex color **5F9573** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **955F81**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **93CBA7**, and **2D6243** is the 20% darker color. If you saturate the color by 10%, you get **50956A**, and if you desaturate by 10%, it is **6E957C**.

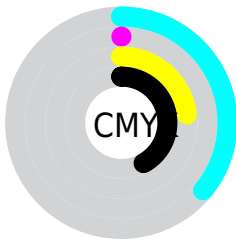
# Distribution



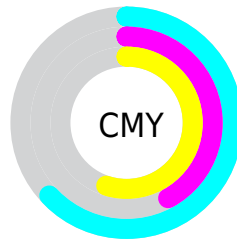
- Red (37%)
- Green (58%)
- Blue (45%)



- Red (37%)
- Yellow (53%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9573 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 5F9573 by changing the saturation by 10% instead.





5F9573



5F9573

FFFFFF



467B5A



93CBA7



2D6243



AEE8C2



134A2D



CAFFDE



003318



E7FFFB



001F00



000000



5F9573



5F9573



50956A



6E957C



419560



7D9586

 329557

 8C958F

 23954D

 9B9599

 149544

 AA95A2

 06953B

 B895AB

 009537

 C795B5

 D695BE

 E595C7

# Harmonies

## Analogous

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



7C9060



5F9573



42978C

# Triad

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



5F9573



6D8BBB



B9796F

# Complementary

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



5F9573



955F81

# 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.



B97787



5F9573



9182B2

# Square

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



5F9573



4792B5



AC7A9F



AC805D

# Rectangle

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



5F9573



34979D



AC7A9F



BA7876



# Sweetspot

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



5F9573



ACC2B4



81955F



546159



E0E0E0



616161



# Same Dimension

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



5F9573



6EC28D



5F958E



434A45



008A33



000A04



# Inverse Universe

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



955F81



C26EA3



955F66



4A4347



8A0057



0A0006



# Previews

## White Background



This preview shows how the Hex color 5F9573 looks on a white background.

## Color Contrast Check

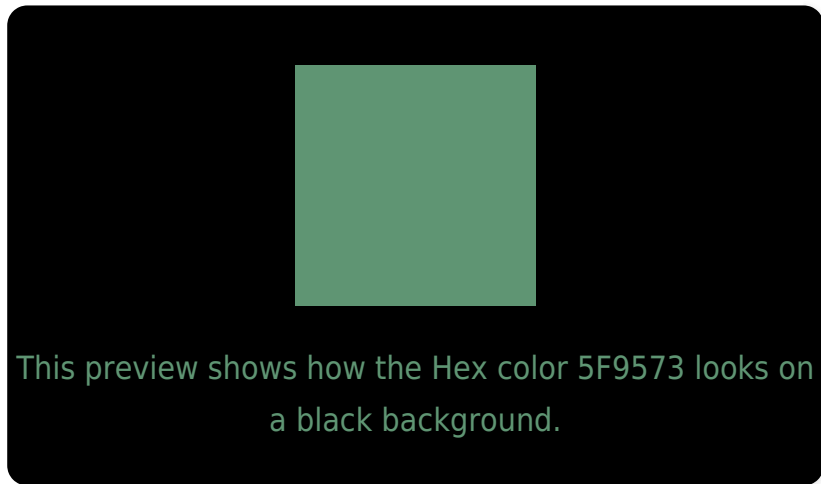
Large Text (above 18pt) WCAG AA ✓ Pass

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

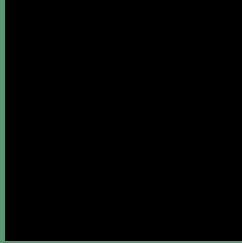
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F9573 Background



This preview shows how black text looks on a background with the Hex color 5F9573.



This preview shows how white text looks on a background with the Hex color 5F9573.

# 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



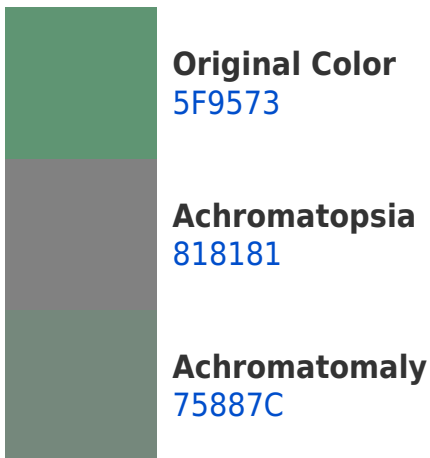


**Tritanopia**  
68909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9573 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 #5F9573 looks like.

```
.text, #text, p{  
    color:#5F9573  
}
```

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 #5F9573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9573
}
```

## Border

The CSS property to change the border of an element to Hex 5F9573 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".

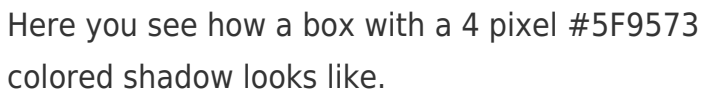
```
.border, #border, table{ border:4px solid
#5F9573 }
```

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

```
.border{ border-color:#5F9573 }
```

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

Here you see how a box with a 4 pixel #5F9573 colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9573; -webkit-box-shadow:4px 4px  
4px 4px #5F9573; box-shadow:4px 4px 4px  
4px #5F9573 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9573 }
```

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

```
.background{ background-color:#5F9573 }
```

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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