

Converting Colors

Hex(5FA47C)

Have a look what the booklet for
Hex(5FA47C) contains.

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Color

Hex(5FA47C)

Conversions

Conversions Part 1

Format	Color
Hex	5FA47C
RGB	95, 164, 124
RGB Percent	37%, 64%, 49%
CMY	0.6275, 0.3569, 0.5137
CMYK	0.42, 0.00, 0.24, 0.36
HSL	145°, 27%, 51%
HSV	145°, 42%, 64%
XYZ	21.6329, 30.4391, 23.8039
YIQ	138.8090, -28.2840, -27.0680

Conversions

Conversions Part 2

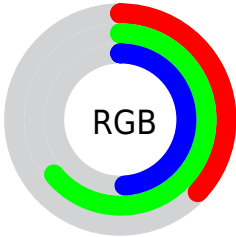
Format	Color
RYB	95, 144, 164
Decimal	6268028
CIELab	62.03, -31.06, 14.05
CIElCh	62, 34.095, 155.658
Yxy	30.4391, 0.2851, 0.4012
Android (android.graphics.Color)	4284458108 (0xFF5FA47C)
YUV	138.8090, -7.3008, -38.4205
Hunter-Lab	55.1716, -26.5602, 13.0393

Details

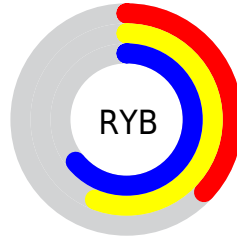
The Hex color **5FA47C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A45F87**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **94DBB1**, and **2A704B** is the 20% darker color. If you saturate the color by 10%, you get **4FA472**, and if you desaturate by 10%, it is **6FA486**.

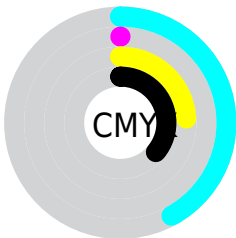
Distribution



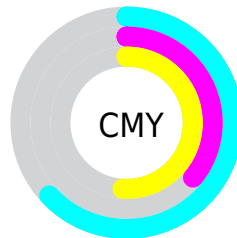
- Red (37%)
- Green (64%)
- Blue (49%)



- Red (37%)
- Yellow (56%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA47C 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 5FA47C by changing the saturation by 10% instead.



5FA47C



5FA47C

FFFFFF



458963



94DBB1



2A704B



B0F8CC



0A5734



CCFFE8



003F1F



E9FFFF



002908



000E00



000000



5FA47C



5FA47C



4FA472



6FA486

 3EA469

 80A48F

 2EA45F

 90A499

 1DA456

 A1A4A2

 0DA44C

 B1A4AC

 00A445

 C1A4B5

 D2A4BF

 E2A4C8

 F3A4D2

Harmonies

Analogous

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



849F64



5FA47C



35A69B

Triad

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



5FA47C



7497D2



CE8274

Complementary

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



5FA47C



A45F87

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.



D07E91



5FA47C



A18CC7

Square

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



5FA47C



3EA0CC



C182AF



BE8C5F

Rectangle

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



5FA47C



19A6AF



C182AF



D1807D

Sweetspot

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



5FA47C



BAD6C6



87A45F



5A6B61



EBEBEB



6B6B6B

Same Dimension

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



5FA47C



6BD698



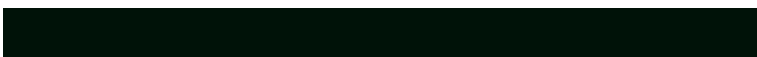
5FA49E



49524D



00913D



001208

Inverse Universe

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



A45F87



D66BA9



A45F65



52494E



910054



12000A

Previews

White Background



This preview shows how the Hex color 5FA47C looks on a white background.

Color Contrast Check

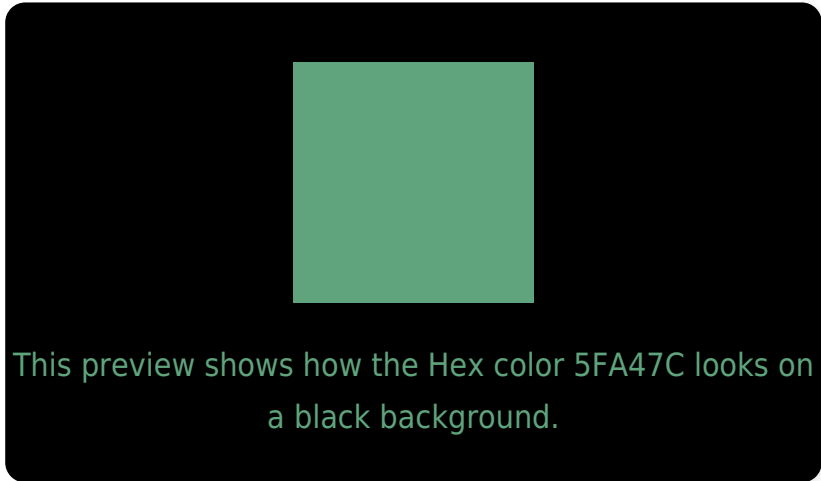
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 5FA47C Background



This preview shows how black text looks on a background with the Hex color 5FA47C.



This preview shows how white text looks on a background with the Hex color 5FA47C.

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
6A9EAB

Trichromacy



Original Color
5FA47C



Protanomaly
889A78



Deuteranomaly
8F977F



Tritanomaly
66A09A

Monochromacy



Original Color
5FA47C



Achromatopsia
8B8B8B



Achromatomaly
7B9486

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA47C 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 #5FA47C looks like.

```
.text, #text, p{  
    color:#5FA47C  
}
```

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 #5FA47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA47C  
}
```

Border

The CSS property to change the border of an element to Hex 5FA47C 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  
#5FA47C }
```

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

```
.border{ border-color:#5FA47C }
```

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

Here you see how a box with a 4 pixel #5FA47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA47C; -webkit-box-shadow:4px 4px  
4px 4px #5FA47C; box-shadow:4px 4px 4px  
4px #5FA47C }
```

Background

The CSS property to change the background color of an element to Hex 5FA47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA47C }
```

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

```
.background{ background-color:#5FA47C }
```

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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