

# Converting Colors

Hex(54947A)

Have a look what the booklet for  
Hex(54947A) contains.

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**Color**

**Hex(54947A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54947A
RGB	84, 148, 122
RGB Percent	33%, 58%, 48%
CMY	0.6706, 0.4196, 0.5216
CMYK	0.43, 0.00, 0.18, 0.42
HSL	156°, 28%, 45%
HSV	156°, 43%, 58%
XYZ	17.7589, 24.4698, 22.1995
YIQ	125.9000, -29.7980, -21.6540

# Conversions

## Conversions Part 2

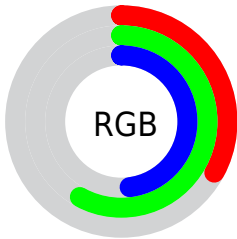
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 124, 148
Decimal	5543034
CIELab	56.56, -26.89, 7.38
CIELCh	57, 27.888, 164.651
Yxy	24.4698, 0.2756, 0.3798
Android (android.graphics.Color)	4283733114 (0xFF54947A)
YUV	125.9000, -1.9227, -36.7463
Hunter-Lab	49.4669, -22.4846, 8.0190

# Details

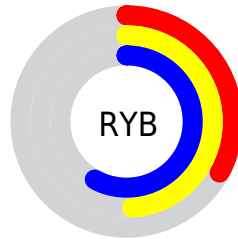
The Hex color **54947A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94546E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **89CAAE**, and **1F6149** is the 20% darker color. If you saturate the color by 10%, you get **459474**, and if you desaturate by 10%, it is **639480**.

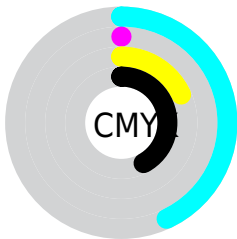
# Distribution



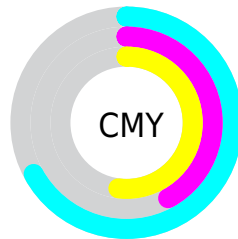
- Red (33%)
- Green (58%)
- Blue (48%)



- Red (33%)
- Yellow (49%)
- Blue (58%)



- Cyan (43%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54947A 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 54947A by changing the saturation by 10% instead.



■ 54947A

■ 54947A

FFFFFF

■ 3A7A61

■ 89CAAEE

■ 1F6149

■ A4E7CA

■ 004933

■ C0FFE6

■ 00321E

■ DCFFFF

■ 001F05

■ F9FFFF

■ 000000

■ 54947A

■ 54947A

■ 459474

■ 639480

■ 36946E

■ 729486

 289468

 80948C

 199462

 8F9492

 0A945C

 9E9498

 009458

 AD949E

 BC94A4

 CA94AA

 D994B0

# Harmonies

## Analogous

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



719064



54947A



3A9593

# Triad

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



54947A



7986B6



B37A67

# Complementary

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



54947A



94546E

# 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.



B8757C



54947A



9A7DAA

# Square

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



54947A



538EB6



AF7795



A38259

# Rectangle

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



54947A



3394A2



AF7795



B6786D



# Sweetspot

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



54947A



A6BFB5



6F9454



51615B



E0E0E0



616161



# Same Dimension

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



54947A



5CBF97



548F94



434A47



008A52



000A06



# Inverse Universe

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



94546E



BF5C84



945954



4A4346



8A0038



0A0004



# Previews

## White Background



This preview shows how the Hex color 54947A looks on a white background.

## Color Contrast Check

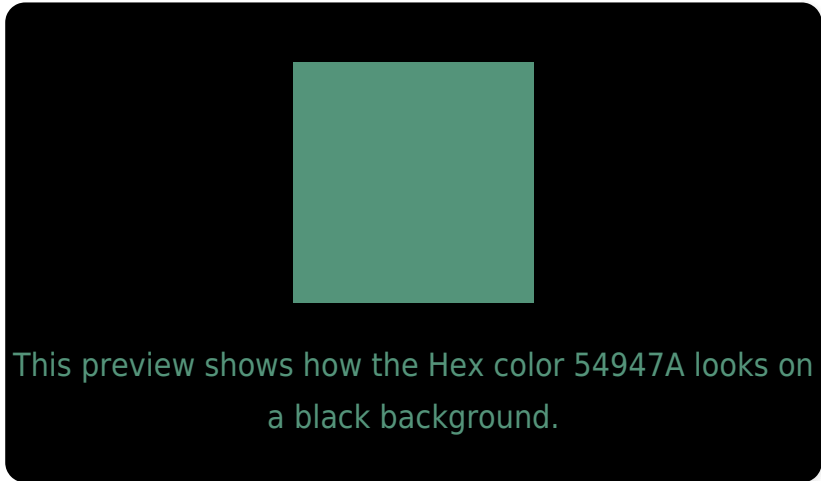
Large Text (above 18pt) WCAG AA ✓ Pass

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

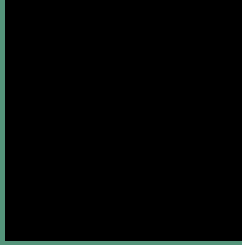
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 54947A Background



This preview shows how black text looks on a background with the Hex color 54947A.

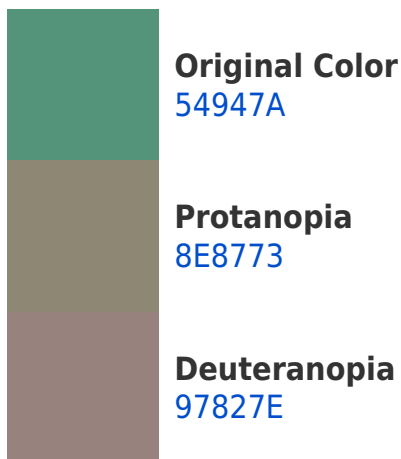


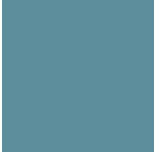
This preview shows how white text looks on a background with the Hex color 54947A.

# 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](#).

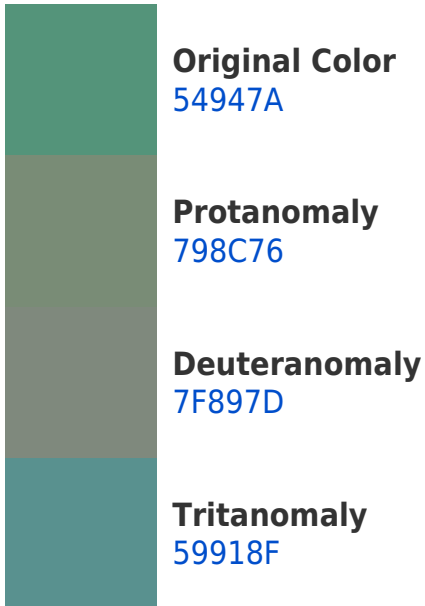
## Dichromacy





**Tritanopia**  
5C8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54947A 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 #54947A looks like.

```
.text, #text, p{  
    color:#54947A  
}
```

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 #54947A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54947A
}
```

## Border

The CSS property to change the border of an element to Hex 54947A 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
#54947A }
```

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

```
.border{ border-color:#54947A }
```

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

Here you see how a box with a 4 pixel #54947A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54947A; -webkit-box-shadow:4px 4px  
4px 4px #54947A; box-shadow:4px 4px 4px  
4px #54947A }
```

# Background

The CSS property to change the background color of an element to Hex 54947A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54947A }
```

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

```
.background{ background-color:#54947A }
```

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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