

# Converting Colors

Hex(54A082)

Have a look what the booklet for  
Hex(54A082) contains.

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**Color**

**Hex(54A082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54A082
RGB	84, 160, 130
RGB Percent	33%, 63%, 51%
CMY	0.6706, 0.3725, 0.4902
CMYK	0.48, 0.00, 0.19, 0.37
HSL	156°, 31%, 48%
HSV	156°, 48%, 63%
XYZ	20.2562, 28.6381, 25.5792
YIQ	133.8560, -35.6660, -25.4420

# Conversions

## Conversions Part 2

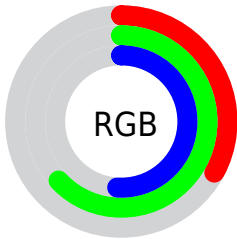
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 131, 160
Decimal	5546114
CIELab	60.46, -30.91, 8.42
CIELCh	60, 32.040, 164.759
Yxy	28.6381, 0.2720, 0.3845
Android (android.graphics.Color)	4283736194 (0xFF54A082)
YUV	133.8560, -1.9010, -43.7237
Hunter-Lab	53.5146, -26.0852, 9.1205

# Details

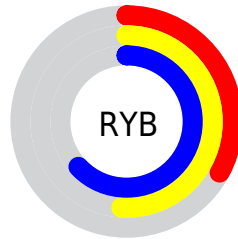
The Hex color **54A082** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A05472**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8AD7B7**, and **1C6C51** is the 20% darker color. If you saturate the color by 10%, you get **44A07C**, and if you desaturate by 10%, it is **64A088**.

# Distribution



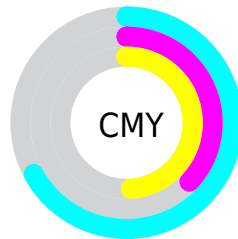
- Red (33%)
- Green (63%)
- Blue (51%)



- Red (33%)
- Yellow (51%)
- Blue (63%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (67%)
- Magenta (37%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54A082 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 54A082 by changing the saturation by 10% instead.



■ 54A082

■ 54A082

FFFFFF

■ 398669

■ 8AD7B7

■ 1C6C51

■ A5F4D3

■ 00533A

■ C2FFEF

■ 003B24

■ DEFFFF

■ 00260F

■ FCFFFF

■ 000300

■ 000000

■ 54A082

■ 54A082

■ 44A07C

■ 64A088

 34A075

 74A08F

 24A06F

 84A095

 14A069

 94A09B

 04A062

 A4A0A2

 00A061

 B4A0A8

 C4A0AE

 D4A0B5

 E4A0BB

# Harmonies

## Analogous

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



779C69



54A082



30A19F

# Triad

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



54A082



8090C8



C4826B

# Complementary

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



54A082



A05472

# 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.



C97C85



54A082



A785BA

# Square

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



54A082



5299C8



C07EA1



B18B5B

# Rectangle

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



54A082



24A0B1



C07EA1



C77F73



# Sweetspot

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



54A082



B4D1C6



72A054



576962



E8E8E8



696969



# Same Dimension

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



54A082



5AD1A2



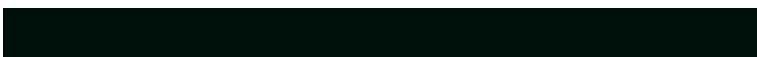
5498A0



474F4C



008F56



000F09



# Inverse Universe

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



A05472



D15A89



A05C54



4F474A



8F0038



0F0006



# Previews

## White Background



This preview shows how the Hex color 54A082 looks on a white background.

## Color Contrast Check

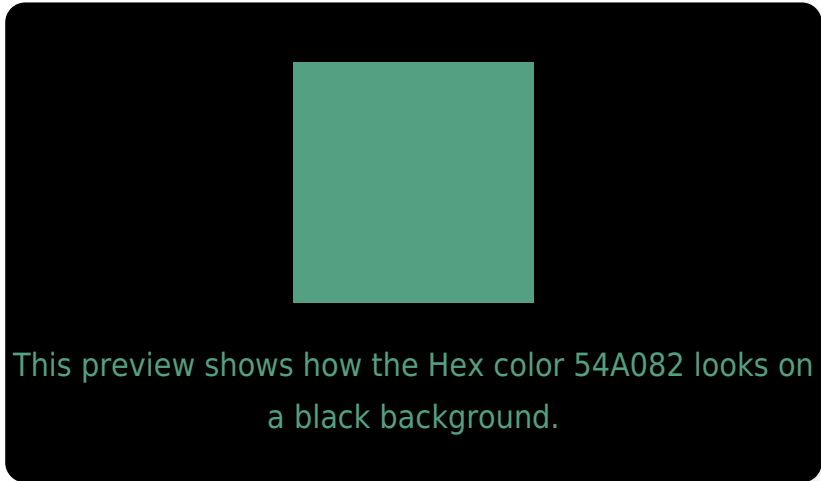
Large Text (above 18pt) WCAG AA ✓ Pass

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

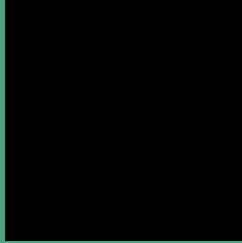
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 54A082 Background



This preview shows how black text looks on a background with the Hex color 54A082.

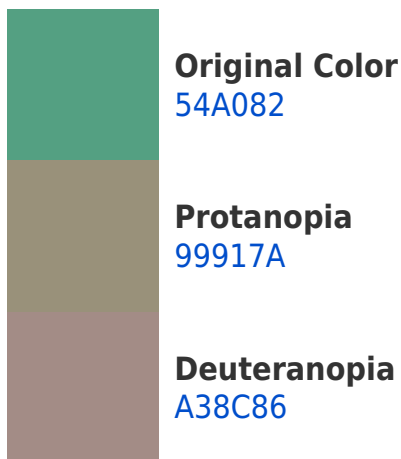


This preview shows how white text looks on a background with the Hex color 54A082.

# 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**  
5E9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54A082 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 #54A082 looks like.

```
.text, #text, p{  
    color:#54A082  
}
```

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 #54A082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A082
}
```

## Border

The CSS property to change the border of an element to Hex 54A082 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
#54A082 }
```

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

```
.border{ border-color:#54A082 }
```

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

Here you see how a box with a 4 pixel #54A082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A082; -webkit-box-shadow:4px 4px  
4px 4px #54A082; box-shadow:4px 4px 4px  
4px #54A082 }
```

# Background

The CSS property to change the background color of an element to Hex 54A082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A082 }
```

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

```
.background{ background-color:#54A082 }
```

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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