

# Converting Colors

Hex(60A884)

Have a look what the booklet for  
Hex(60A884) contains.

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**Color**

**Hex(60A884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60A884
RGB	96, 168, 132
RGB Percent	38%, 66%, 52%
CMY	0.6235, 0.3412, 0.4824
CMYK	0.43, 0.00, 0.21, 0.34
HSL	150°, 29%, 52%
HSV	150°, 43%, 66%
XYZ	22.9914, 32.1580, 26.8251
YIQ	142.3680, -31.3560, -26.4600

# Conversions

## Conversions Part 2

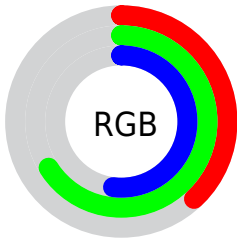
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 144, 168
Decimal	6334596
CIELab	63.47, -31.02, 11.64
CIELCh	63, 33.132, 159.424
Yxy	32.1580, 0.2805, 0.3923
Android (android.graphics.Color)	4284524676 (0xFF60A884)
YUV	142.3680, -5.1114, -40.6647
Hunter-Lab	56.7080, -26.8691, 11.6491

# Details

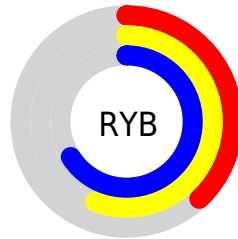
The Hex color **60A884** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A86084**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **96E0B9**, and **2B7352** is the 20% darker color. If you saturate the color by 10%, you get **4FA87C**, and if you desaturate by 10%, it is **71A88C**.

# Distribution



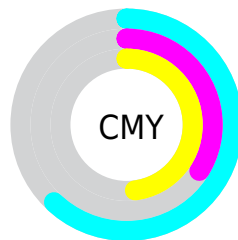
- Red (38%)
- Green (66%)
- Blue (52%)



- Red (38%)
- Yellow (56%)
- Blue (66%)



- Cyan (43%)
- Magenta (0%)
- Yellow (21%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60A884 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 60A884 by changing the saturation by 10% instead.





60A884



60A884

FFFFFF



468D6B



96E0B9



2B7352



B1FCD5



095A3B



CEFFF1



004225



EBFFFF



002C11



001400



000000



60A884



60A884



4FA87C



71A88C

 3EA873

 82A895

 2EA86B

 92A89D

 1DA862

 A3A8A6

 0CA85A

 B4A8AE

 00A854

 C5A8B6

 D6A8BF

 E6A8C7

 F7A8D0

# Harmonies

## Analogous

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



84A36B



60A884



3A AAA2

# Triad

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



60A884



7F99D4



D08876

# Complementary

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



60A884



A86084

# 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.



D38391



60A884



A98FC7

# Square

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



60A884



4EA2D0



C686AF



BF9163

# Rectangle

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



60A884



29A9B6



C686AF



D3857E



# Sweetspot

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



60A884



BFDBCD



84A860



5C6E65



EDEDED



6E6E6E



# Same Dimension

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



60A884



6BDBA3



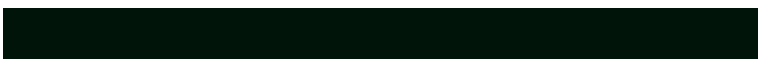
60A8A8



4C5450



00944A



00140A



# Inverse Universe

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



A86084



DB6BA3



A86060



544C50



94004A



14000A



# Previews

## White Background



This preview shows how the Hex color 60A884 looks on a white background.

## Color Contrast Check

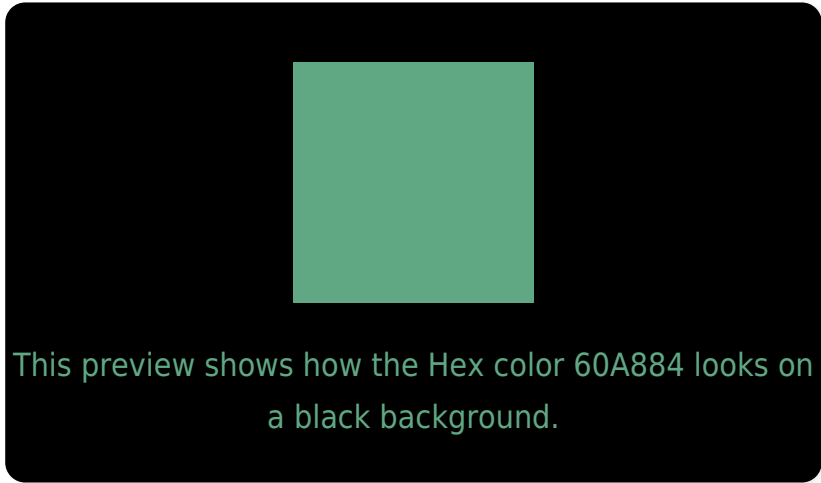
Large Text (above 18pt) WCAG AA × Fail

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

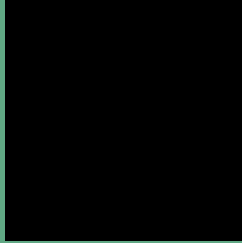
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60A884 Background



This preview shows how black text looks on a background with the Hex color 60A884.

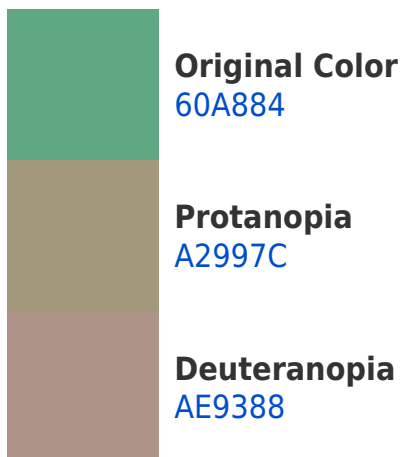


This preview shows how white text looks on a background with the Hex color 60A884.

# 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](#).

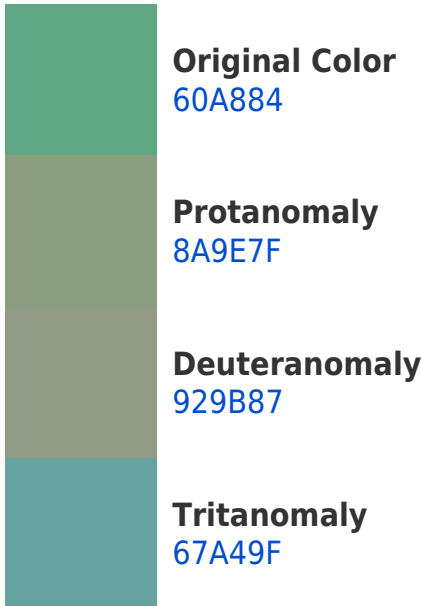
## Dichromacy





**Tritanopia**  
6BA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60A884 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 #60A884 looks like.

```
.text, #text, p{  
    color:#60A884  
}
```

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 #60A884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A884
}
```

## Border

The CSS property to change the border of an element to Hex 60A884 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
#60A884 }
```

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

```
.border{ border-color:#60A884 }
```

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

Here you see how a box with a 4 pixel #60A884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A884; -webkit-box-shadow:4px 4px  
4px 4px #60A884; box-shadow:4px 4px 4px  
4px #60A884 }
```

# Background

The CSS property to change the background color of an element to Hex 60A884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A884 }
```

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

```
.background{ background-color:#60A884 }
```

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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