

# Converting Colors

Hex(6EA784)

Have a look what the booklet for  
Hex(6EA784) contains.

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# **Color**

**Hex(6EA784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA784
RGB	110, 167, 132
RGB Percent	43%, 65%, 52%
CMY	0.5686, 0.3451, 0.4824
CMYK	0.34, 0.00, 0.21, 0.35
HSL	143°, 24%, 54%
HSV	143°, 34%, 65%
XYZ	24.4140, 32.6184, 26.8390
YIQ	145.9670, -22.7370, -22.9690

# Conversions

## Conversions Part 2

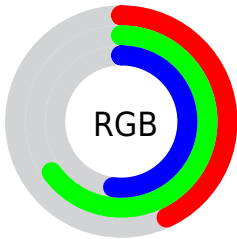
Format	Color
<a href="#">RYB</a>	<a href="#">110, 151, 167</a>
Decimal	<a href="#">7251844</a>
CIELab	<a href="#">63.85, -26.35, 12.27</a>
CIELCh	<a href="#">64, 29.066, 155.023</a>
Yxy	<a href="#">32.6184, 0.2911, 0.3889</a>
Android (android.graphics.Color)	<a href="#">4285441924 (0xFF6EA784)</a>
YUV	<a href="#">145.9670, -6.8857, -31.5431</a>
Hunter-Lab	<a href="#">57.1125, -23.6432, 12.1164</a>

# Details

The Hex color **6EA784** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A76E91**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A3DEB9**, and **3B7352** is the 20% darker color. If you saturate the color by 10%, you get **5DA77A**, and if you desaturate by 10%, it is **7FA78E**.

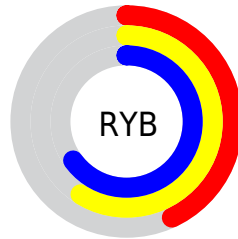
# Distribution



Red (43%)

Green (65%)

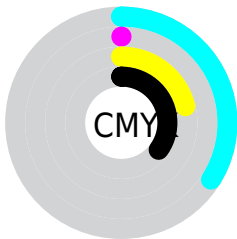
Blue (52%)



Red (43%)

Yellow (59%)

Blue (65%)

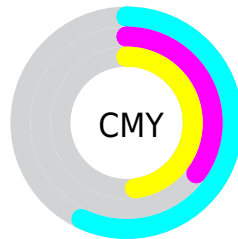


Cyan (34%)

Magenta (0%)

Yellow (21%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA784 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 6EA784 by changing the saturation by 10% instead.





6EA784



6EA784

FFFFFF



548C6B



A3DEB9



3B7352



BFFBD5



225A3B



DBFFF1



044225



F8FFFF



002B11



001600



000000



6EA784



6EA784



5DA77A



7FA78E

 4DA76F

 8FA799

 3CA765

 A0A7A3

 2BA75B

 B1A7AD

 1BA751

 C2A7B7

 0AA746

 D2A7C2

 00A740

 E3A7CC

 F4A7D6

 FFA7E0

# Harmonies

## Analogous

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



8CA270



6EA784



52A99E

# Triad

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



6EA784



7F9CCE



CC8A7E

# Complementary

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



6EA784



A76E91

# 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.



CD8797



6EA784



A492C5

# Square

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



6EA784



59A3C9



BF8AB1



BF926C

# Rectangle

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



6EA784



46A9B0



BF8AB1



CE8986



# Sweetspot

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



6EA784



C3D9CB



91A76E



606E66



EDEDED



6E6E6E



# Same Dimension

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



6EA784



80D9A2



6EA7A0



4C544F



009439



001408



# Inverse Universe

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



A76E91



D980B6



A76E75



544C51



94005B



14000D



# Previews

## White Background



This preview shows how the Hex color 6EA784 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

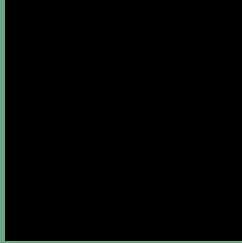
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EA784 Background



This preview shows how black text looks on a background with the Hex color 6EA784.

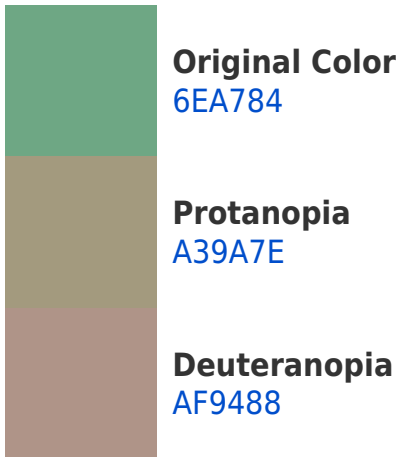


This preview shows how white text looks on a background with the Hex color 6EA784.

# 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



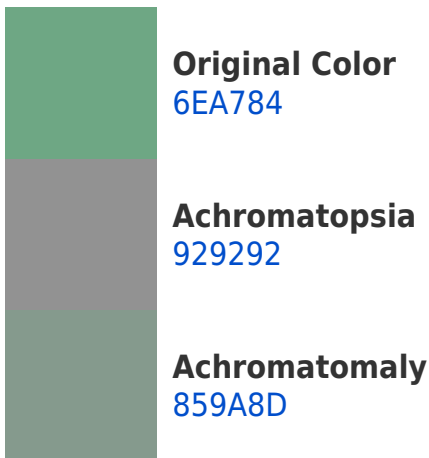


**Tritanopia**  
77A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA784 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 #6EA784 looks like.

```
.text, #text, p{  
    color:#6EA784  
}
```

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 #6EA784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA784
}
```

## Border

The CSS property to change the border of an element to Hex 6EA784 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
#6EA784 }
```

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

```
.border{ border-color:#6EA784 }
```

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

Here you see how a box with a 4 pixel #6EA784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA784; -webkit-box-shadow:4px 4px  
4px 4px #6EA784; box-shadow:4px 4px 4px  
4px #6EA784 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA784 }
```

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

```
.background{ background-color:#6EA784 }
```

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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