

# Converting Colors

Hex(6EA984)

Have a look what the booklet for  
Hex(6EA984) contains.

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# Color

**Hex(6EA984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA984
RGB	110, 169, 132
RGB Percent	43%, 66%, 52%
CMY	0.5686, 0.3373, 0.4824
CMYK	0.35, 0.00, 0.22, 0.34
HSL	142°, 26%, 55%
HSV	142°, 35%, 66%
XYZ	24.7832, 33.3569, 26.9621
YIQ	147.1410, -23.2870, -24.0150

# Conversions

## Conversions Part 2

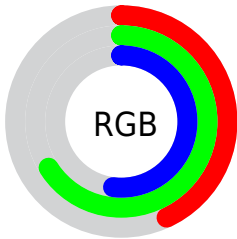
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 153, 169</a>
Decimal	<a href="#">7252356</a>
CIELab	<a href="#">64.45, -27.33, 13.11</a>
CIELCh	<a href="#">64, 30.315, 154.369</a>
Yxy	<a href="#">33.3569, 0.2912, 0.3920</a>
Android (android.graphics.Color)	<a href="#">4285442436 (0xFF6EA984)</a>
YUV	<a href="#">147.1410, -7.4645, -32.5727</a>
Hunter-Lab	<a href="#">57.7554, -24.4764, 12.7503</a>

# Details

The Hex color **6EA984** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A96E93**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A3E1B9**, and **3B7452** is the 20% darker color. If you saturate the color by 10%, you get **5DA979**, and if you desaturate by 10%, it is **7FA98F**.

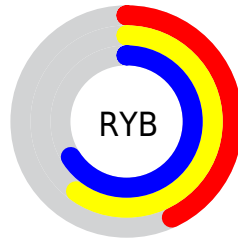
# Distribution



Red (43%)

Green (66%)

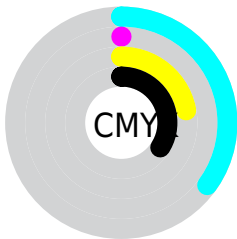
Blue (52%)



Red (43%)

Yellow (60%)

Blue (66%)

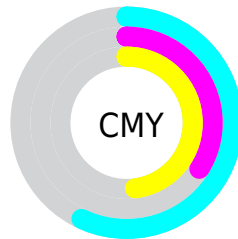


Cyan (35%)

Magenta (0%)

Yellow (22%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA984 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 6EA984 by changing the saturation by 10% instead.





6EA984



6EA984

FFFFFF



548E6B



A3E1B9



3B7452



BFFDD5



215C3B



DBFFF1



034425



F8FFFF



002D11



001800



000000



6EA984



6EA984



5DA979



7FA98F

 4CA96F

 90A999

 3BA964

 A1A9A4

 2AA95A

 B2A9AE

 19A94F

 C2A9B9

 09A944

 D3A9C4

 00A93F

 E4A9CE

 F5A9D9

 FFA9E3

# Harmonies

## Analogous

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



8EA46F



6EA984



4FAB9F

# Triad

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



6EA984



7E9ED2



D08B7F

# Complementary

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



6EA984



A96E93

# 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.



D18899



6EA984



A594C9

# Square

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



6EA984



55A5CC



C28BB4



C2936C

# Rectangle

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



6EA984



41ABB2



C28BB4



D28987



# Sweetspot

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



6EA984



C5DBCE



93A96E



606E65



EDEDED



6E6E6E



# Same Dimension

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



6EA984



7FDBA2



6EA9A1



4C544F



009437



001408



# Inverse Universe

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



A96E93



DB7FB9



A96E76



544C51



94005D



14000D



# Previews

## White Background



This preview shows how the Hex color 6EA984 looks on a white background.

## Color Contrast Check

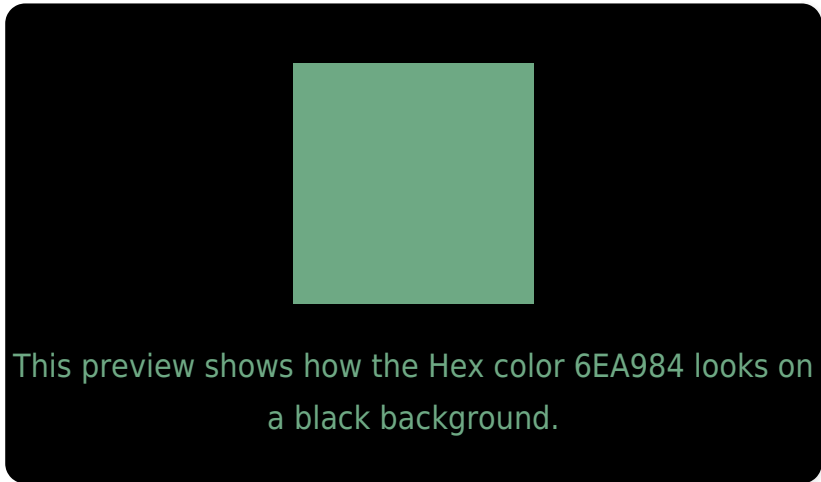
Large Text (above 18pt) WCAG AA × Fail

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

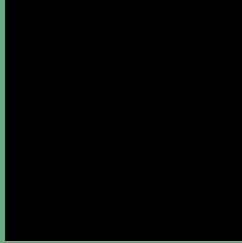
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EA984 Background



This preview shows how black text looks on a background with the Hex color 6EA984.

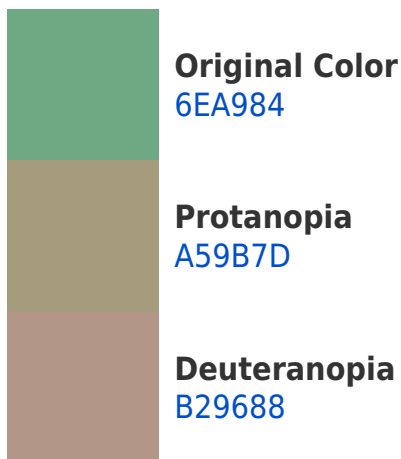


This preview shows how white text looks on a background with the Hex color 6EA984.

# 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**  
77A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA984 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 #6EA984 looks like.

```
.text, #text, p{  
    color:#6EA984  
}
```

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 #6EA984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA984
}
```

## Border

The CSS property to change the border of an element to Hex 6EA984 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
#6EA984 }
```

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

```
.border{ border-color:#6EA984 }
```

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

Here you see how a box with a 4 pixel #6EA984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA984; -webkit-box-shadow:4px 4px  
4px 4px #6EA984; box-shadow:4px 4px 4px  
4px #6EA984 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA984 }
```

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

```
.background{ background-color:#6EA984 }
```

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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