

# Converting Colors

Hex(6EA080)

Have a look what the booklet for  
Hex(6EA080) contains.

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**Color**

**Hex(6EA080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA080
RGB	110, 160, 128
RGB Percent	43%, 63%, 50%
CMY	0.5686, 0.3725, 0.4980
CMYK	0.31, 0.00, 0.20, 0.37
HSL	142°, 21%, 53%
HSV	142°, 31%, 63%
XYZ	22.8975, 30.0151, 25.0087
YIQ	141.4020, -19.5280, -20.5520

# Conversions

## Conversions Part 2

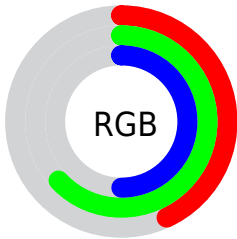
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 147, 160
Decimal	7250048
CIELab	61.67, -23.66, 11.43
CIElCh	62, 26.273, 154.220
Yxy	30.0151, 0.2939, 0.3852
Android (android.graphics.Color)	4285440128 (0xFF6EA080)
YUV	141.4020, -6.6072, -27.5396
Hunter-Lab	54.7861, -21.2726, 11.2855

# Details

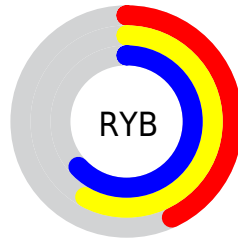
The Hex color **6EA080** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06E8E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A3D7B5**, and **3C6C4F** is the 20% darker color. If you saturate the color by 10%, you get **5EA076**, and if you desaturate by 10%, it is **7EA08A**.

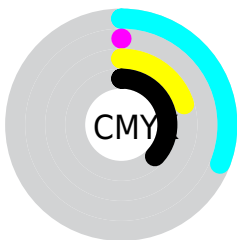
# Distribution



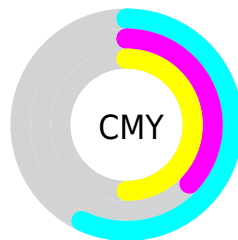
- Red (43%)
- Green (63%)
- Blue (50%)



- Red (43%)
- Yellow (58%)
- Blue (63%)



- Cyan (31%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (57%)
- Magenta (37%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA080 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 6EA080 by changing the saturation by 10% instead.





6EA080



6EA080

FFFFFF



558667



A3D7B5



3C6C4F



BEF3D0



245438



DBFFED



093C22



F7FFFF



00260D



000B00



000000



6EA080



6EA080



5EA076



7EA08A

 4EA06C

 8EA094

 3EA061

 9EA09F

 2EA057

 AEA0A9

 1EA04D

 BEA0B3

 0EA043

 CEA0BD

 00A03A

 DEA0C8

 EEA0D2

 FEA0DC

# Harmonies

## Analogous

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



899B6E



6EA080



56A298

# Triad

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



6EA080



7C96C3



C2867C

# Complementary

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



6EA080



A06E8E

# 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.



C28492



6EA080



9D8EBB

# Square

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



6EA080



5C9DBE



B687AA



B68D6C

# Rectangle

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



6EA080



4CA2A7



B687AA



C48583



# Sweetspot

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



6EA080



BED1C5



8FA06E



5D6961



E8E8E8



696969



# Same Dimension

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



6EA080



82D19E



6EA098



474F4A



008F33



000F06



# Inverse Universe

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



A06E8E



D182B4



A06E76



4F474C



8F005B



0F000A



# Previews

## White Background



This preview shows how the Hex color 6EA080 looks on a white background.

## Color Contrast Check

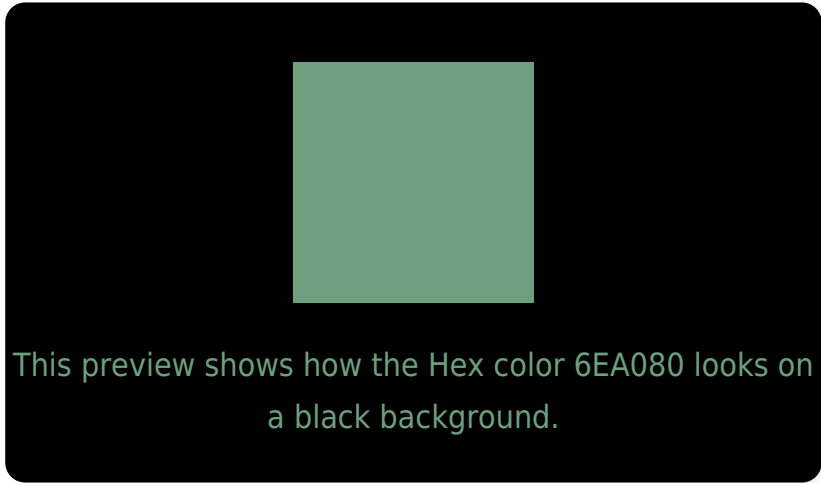
Large Text (above 18pt) WCAG AA ✓ Pass

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

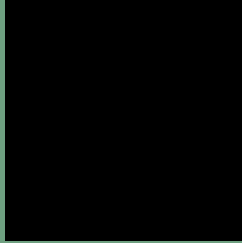
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EA080 Background



This preview shows how black text looks on a background with the Hex color 6EA080.

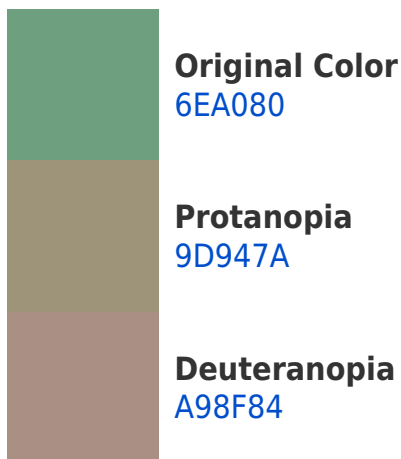


This preview shows how white text looks on a background with the Hex color 6EA080.

# 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



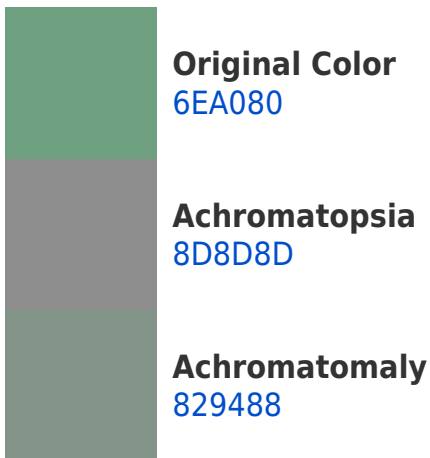


**Tritanopia**  
769BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA080 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 #6EA080 looks like.

```
.text, #text, p{  
    color:#6EA080  
}
```

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 #6EA080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA080
}
```

## Border

The CSS property to change the border of an element to Hex 6EA080 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
#6EA080 }
```

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

```
.border{ border-color:#6EA080 }
```

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

Here you see how a box with a 4 pixel #6EA080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA080; -webkit-box-shadow:4px 4px  
4px 4px #6EA080; box-shadow:4px 4px 4px  
4px #6EA080 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA080 }
```

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

```
.background{ background-color:#6EA080 }
```

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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