

# Converting Colors

Hex(6EA68C)

Have a look what the booklet for  
Hex(6EA68C) contains.

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# **Color**

**Hex(6EA68C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA68C
RGB	110, 166, 140
RGB Percent	43%, 65%, 55%
CMY	0.5686, 0.3490, 0.4510
CMYK	0.34, 0.00, 0.16, 0.35
HSL	152°, 24%, 54%
HSV	152°, 34%, 65%
XYZ	24.8002, 32.4809, 29.7733
YIQ	146.2920, -25.0300, -19.9580

# Conversions

## Conversions Part 2

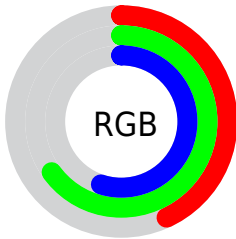
Format	Color
<a href="#">RYB</a>	<a href="#">110, 146, 166</a>
Decimal	<a href="#">7251596</a>
CIELab	<a href="#">63.74, -24.20, 7.67</a>
CIELCh	<a href="#">64, 25.382, 162.419</a>
Yxy	<a href="#">32.4809, 0.2849, 0.3731</a>
Android (android.graphics.Color)	<a href="#">4285441676 (0xFF6EA68C)</a>
YUV	<a href="#">146.2920, -3.1020, -31.8281</a>
Hunter-Lab	<a href="#">56.9920, -22.0612, 8.9206</a>

# Details

The Hex color **6EA68C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A66E88**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A3DDC2**, and **3B725A** is the 20% darker color. If you saturate the color by 10%, you get **5DA684**, and if you desaturate by 10%, it is **7FA694**.

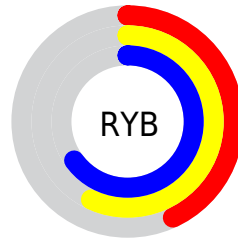
# Distribution



Red (43%)

Green (65%)

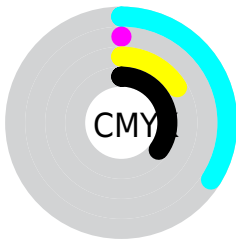
Blue (55%)



Red (43%)

Yellow (57%)

Blue (65%)

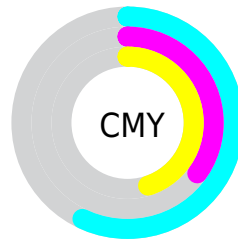


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA68C 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 6EA68C by changing the saturation by 10% instead.





6EA68C



6EA68C

FFFFFF



548B72



A3DDC2



3B725A



BFFADD



225943



DBFFFA



04412C



F8FFFF



002B18



001600



000000



6EA68C



6EA68C



5DA684



7FA694

 4DA67D

 8FA69B

 3CA675

 A0A6A3

 2CA66D

 B0A6AB

 1BA665

 C1A6B3

 0AA65E

 D2A6BA

 00A659

 E2A6C2

 F3A6CA

 FFA6D1

# Harmonies

## Analogous

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



88A278



6EA68C



5AA7A3

# Triad

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



6EA68C



8B99C6



C58D7D

# Complementary

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



6EA68C



A66E88

# 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.



C88A92



6EA68C



AA91BC

# Square

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



6EA68C



6CA0C5



BF8BA9



B79470

# Rectangle

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



6EA68C



55A6B2



BF8BA9



C78C83



# Sweetspot

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



6EA68C



C3D9CF



88A66E



606E68



EDEDED



6E6E6E



# Same Dimension

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



6EA68C



82D9B0



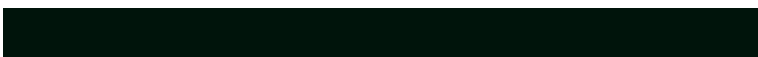
6EA4A6



4C5450



00944F



00140B



# Inverse Universe

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



A66E88



D982AA



A6706E



544C50



940045



140009



# Previews

## White Background



This preview shows how the Hex color 6EA68C looks on a white background.

## Color Contrast Check

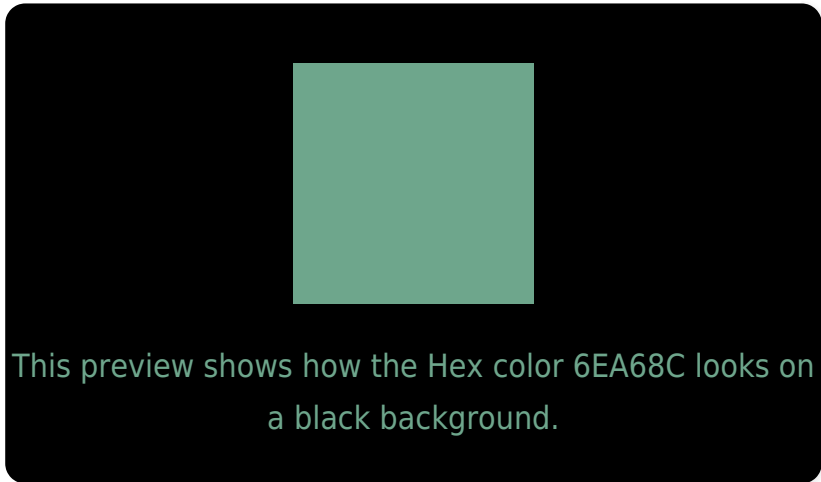
Large Text (above 18pt) WCAG AA × Fail

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

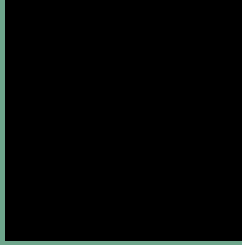
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

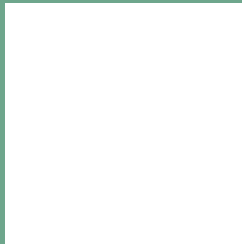
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EA68C Background



This preview shows how black text looks on a background with the Hex color 6EA68C.

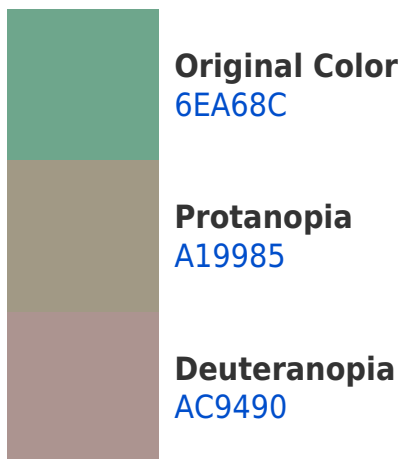


This preview shows how white text looks on a background with the Hex color 6EA68C.

# 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**  
75A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA68C 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 #6EA68C looks like.

```
.text, #text, p{  
    color:#6EA68C  
}
```

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 #6EA68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA68C
}
```

## Border

The CSS property to change the border of an element to Hex 6EA68C 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
#6EA68C }
```

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

```
.border{ border-color:#6EA68C }
```

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

Here you see how a box with a 4 pixel #6EA68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA68C; -webkit-box-shadow:4px 4px  
4px 4px #6EA68C; box-shadow:4px 4px 4px  
4px #6EA68C }
```

# Background

The CSS property to change the background color of an element to Hex 6EA68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA68C }
```

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

```
.background{ background-color:#6EA68C }
```

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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