

# Converting Colors

Hex(6CA088)

Have a look what the booklet for  
Hex(6CA088) contains.

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**Color**

**Hex(6CA088)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CA088
RGB	108, 160, 136
RGB Percent	42%, 63%, 53%
CMY	0.5765, 0.3725, 0.4667
CMYK	0.32, 0.00, 0.15, 0.37
HSL	152°, 21%, 53%
HSV	152°, 32%, 63%
XYZ	23.1991, 30.1073, 27.8811
YIQ	141.7160, -23.2880, -18.4880

# Conversions

## Conversions Part 2

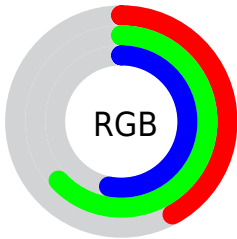
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 142, 160
Decimal	7118984
CIELab	61.75, -22.64, 7.04
CIElCh	62, 23.711, 162.720
Yxy	30.1073, 0.2857, 0.3708
Android (android.graphics.Color)	4285309064 (0xFF6CA088)
YUV	141.7160, -2.8180, -29.5689
Hunter-Lab	54.8701, -20.5530, 8.2821

# Details

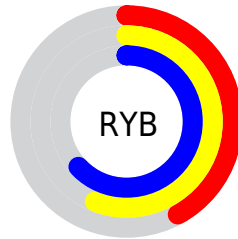
The Hex color **6CA088** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A06C84**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A1D7BD**, and **3A6C56** is the 20% darker color. If you saturate the color by 10%, you get **5CA081**, and if you desaturate by 10%, it is **7CA08F**.

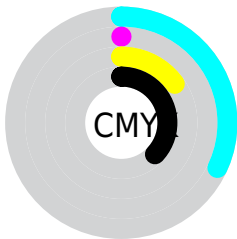
# Distribution



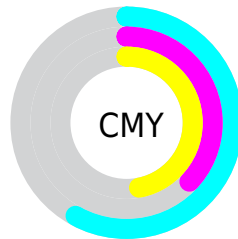
- Red (42%)
- Green (63%)
- Blue (53%)



- Red (42%)
- Yellow (56%)
- Blue (63%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (37%)



- Cyan (58%)
- Magenta (37%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CA088 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 6CA088 by changing the saturation by 10% instead.





6CA088



6CA088

FFFFFF



53866F



A1D7BD



3A6C56



BCF3D9



21543F



D9FFF6



053C29



F5FFFF



002615



000C00



000000



6CA088



6CA088



5CA081



7CA08F

 4CA079

 8CA097

 3CA072

 9CA09E

 2CA06A

 ACA0A6

 1CA063

 BCA0AD

 0CA05C

 CCA0B4

 00A056

 DCA0BC

 ECA0C3

 FCA0CA

# Harmonies

## Analogous

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



849C76



6CA088



5AA19E

# Triad

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



6CA088



8894BE



BC897A

# Complementary

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



6CA088



A06C84

# 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.



C0868D



6CA088



A48DB4

# Square

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



6CA088



6B9BBD



B787A2



AF906E

# Rectangle

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



6CA088



56A0AB



B787A2



BF887F



# Sweetspot

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



6CA088



BCD1C7



84A06C



5C6963



E8E8E8



696969



# Same Dimension

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



6CA088



80D1AB



6C9EA0



474F4B



008F4D



000F08



# Inverse Universe

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



A06C84



D180A5



A06E6C



4F474B



8F0042



0F0007



# Previews

## White Background



This preview shows how the Hex color 6CA088 looks on a white background.

## Color Contrast Check

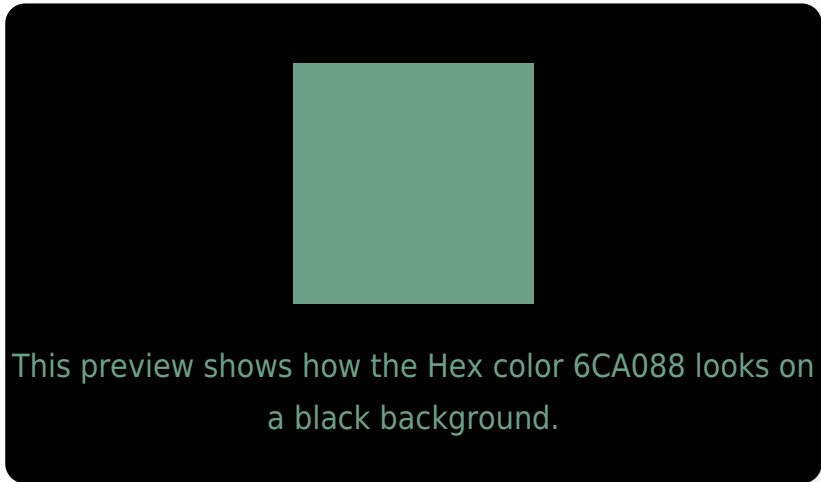
Large Text (above 18pt) WCAG AA × Fail

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

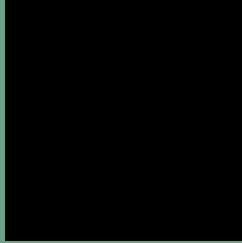
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CA088 Background



This preview shows how black text looks on a background with the Hex color 6CA088.

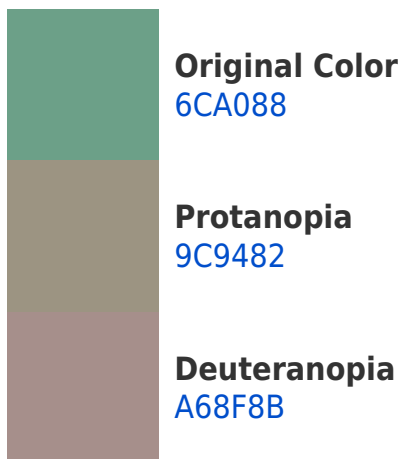



This preview shows how white text looks on a background with the Hex color 6CA088.

# 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](#).

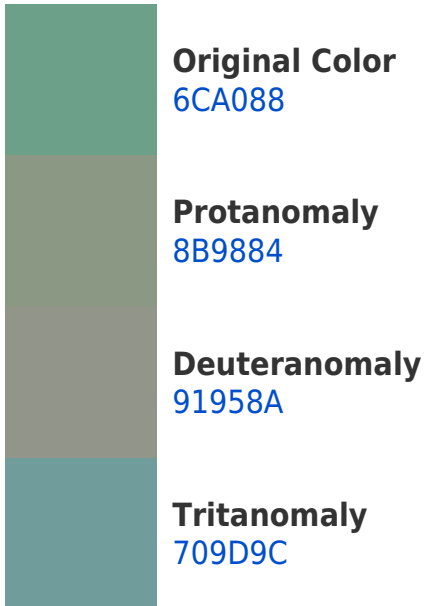
## Dichromacy





**Tritanopia**  
739BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CA088 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 #6CA088 looks like.

```
.text, #text, p{  
    color:#6CA088  
}
```

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 #6CA088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA088
}
```

## Border

The CSS property to change the border of an element to Hex 6CA088 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
#6CA088 }
```

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

```
.border{ border-color:#6CA088 }
```

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

Here you see how a box with a 4 pixel #6CA088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA088; -webkit-box-shadow:4px 4px  
4px 4px #6CA088; box-shadow:4px 4px 4px  
4px #6CA088 }
```

# Background

The CSS property to change the background color of an element to Hex 6CA088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA088 }
```

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

```
.background{ background-color:#6CA088 }
```

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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