

# Converting Colors

Hex(6A8660)

Have a look what the booklet for  
Hex(6A8660) contains.

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**Color**

**Hex(6A8660)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A8660
RGB	106, 134, 96
RGB Percent	42%, 53%, 38%
CMY	0.5843, 0.4745, 0.6235
CMYK	0.21, 0.00, 0.28, 0.47
HSL	104°, 17%, 45%
HSV	104°, 28%, 53%
XYZ	16.5803, 20.9589, 14.2379
YIQ	121.2960, -4.4900, -17.7540

# Conversions

## Conversions Part 2

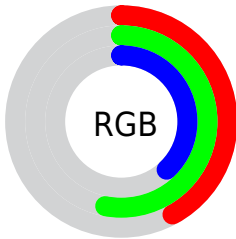
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 134, 124
Decimal	6981216
CIE <sub>Lab</sub>	52.90, -17.63, 17.29
CIE <sub>LCh</sub>	53, 24.689, 135.558
Yxy	20.9589, 0.3202, 0.4048
Android (android.graphics.Color)	4285171296 (0xFF6A8660)
YUV	121.2960, -12.4709, -13.4146
Hunter-Lab	45.7809, -15.4699, 13.6073

# Details

The Hex color **6A8660** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C6086**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EBB93**, and **3A5431** is the 20% darker color. If you saturate the color by 10%, you get **608653**, and if you desaturate by 10%, it is **74866D**.

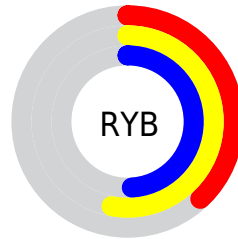
# Distribution



Red (42%)

Green (53%)

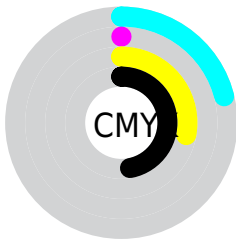
Blue (38%)



Red (38%)

Yellow (53%)

Blue (49%)

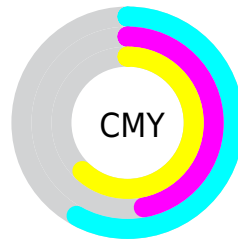


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A8660 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 6A8660 by changing the saturation by 10% instead.





6A8660



6A8660

FFFFFF



516D48



9EBB93



3A5431



B9D7AD



233D1C



D5F4C9



0F2703



F1FFE5



001200



000000



6A8660



6A8660



608653



74866D



568645



7E867B

■ 4C8638

■ 888688

■ 43862A

■ 918696

■ 39861D

■ 9B86A3

■ 2F8610

■ A586B0

■ 258602

■ AF86BE

■ 238600

■ B986CB

■ C386D9

# Harmonies

## Analogous

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



828055



6A8660



518973

# Triad

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



6A8660



5383A7



A96F74

# Complementary

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



6A8660



7C6086

# 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.



A27089



6A8660



737CA7

# Square

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



6A8660



3C889C



8F759C



A47361

# Rectangle

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



6A8660



428A82



8F759C



A86E7B



# Sweetspot

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



6A8660



A2AD9E



867C60



50574D



D6D6D6



575757



# Same Dimension

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



6A8660



82AD72



608669



3D423C



228200



010300



# Inverse Universe

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



7C6086



9E72AD



86607D



413C42



600082

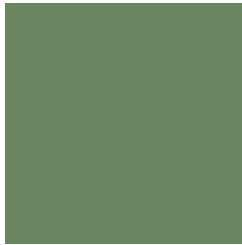


020003



# Previews

## White Background



This preview shows how the Hex color 6A8660 looks on a white background.

## Color Contrast Check

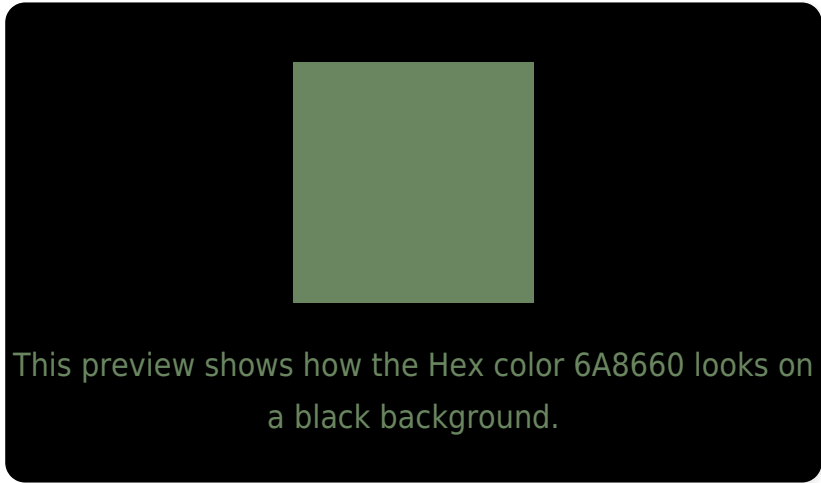
Large Text (above 18pt) WCAG AA ✓ Pass

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

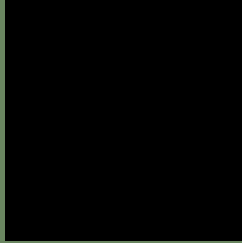
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A8660 Background



This preview shows how black text looks on a background with the Hex color 6A8660.



This preview shows how white text looks on a background with the Hex color 6A8660.

# 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



**Original Color**  
6A8660

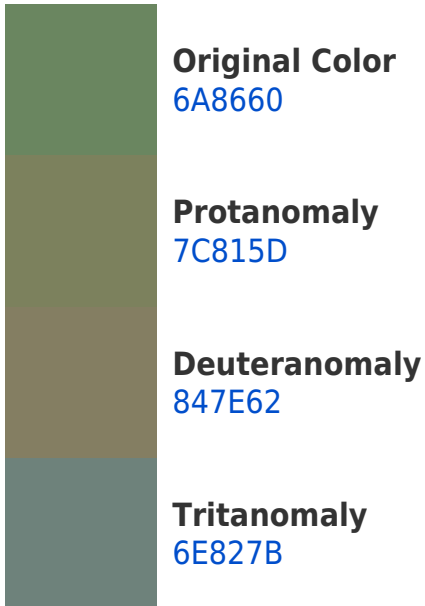
**Protanopia**  
877E5C

**Deuteranopia**  
937963

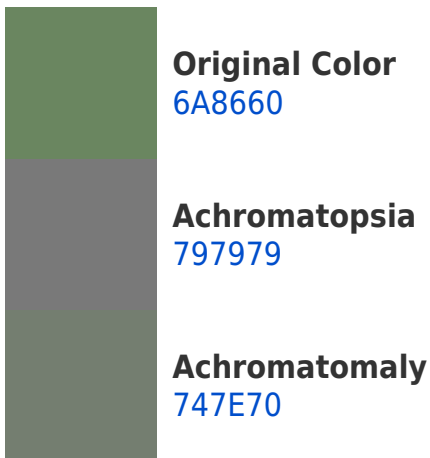


**Tritanopia**  
71808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A8660 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 #6A8660 looks like.

```
.text, #text, p{  
    color:#6A8660  
}
```

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 #6A8660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8660
}
```

## Border

The CSS property to change the border of an element to Hex 6A8660 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
#6A8660 }
```

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

```
.border{ border-color:#6A8660 }
```

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

Here you see how a box with a 4 pixel #6A8660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8660; -webkit-box-shadow:4px 4px  
4px 4px #6A8660; box-shadow:4px 4px 4px  
4px #6A8660 }
```

# Background

The CSS property to change the background color of an element to Hex 6A8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8660 }
```

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

```
.background{ background-color:#6A8660 }
```

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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