

# Converting Colors

Hex(6A865B)

Have a look what the booklet for  
Hex(6A865B) contains.

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# Color

**Hex(6A865B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A865B
RGB	106, 134, 91
RGB Percent	42%, 53%, 36%
CMY	0.5843, 0.4745, 0.6431
CMYK	0.21, 0.00, 0.32, 0.47
HSL	99°, 19%, 44%
HSV	99°, 32%, 53%
XYZ	16.3573, 20.8697, 13.0637
YIQ	120.7260, -2.8850, -19.3090

# Conversions

## Conversions Part 2

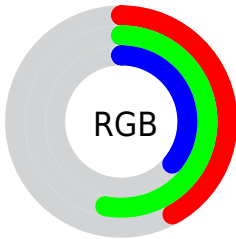
Format	Color
R <sub>Y</sub> B	91, 134, 119
Decimal	6981211
CIE Lab	52.81, -18.46, 19.99
CIE LCh	53, 27.211, 132.727
Yxy	20.8697, 0.3253, 0.4150
Android (android.graphics.Color)	4285171291 (0xFF6A865B)
YUV	120.7260, -14.6549, -12.9147
Hunter-Lab	45.6834, -16.0326, 15.0237

# Details

The Hex color **6A865B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **775B86**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EBB8D**, and **3A542D** is the 20% darker color. If you saturate the color by 10%, you get **61864E**, and if you desaturate by 10%, it is **738668**.

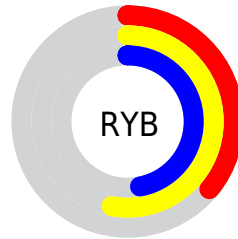
# Distribution



Red (42%)

Green (53%)

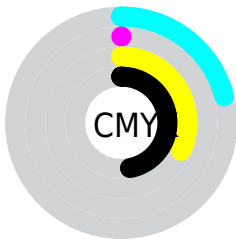
Blue (36%)



Red (36%)

Yellow (53%)

Blue (47%)

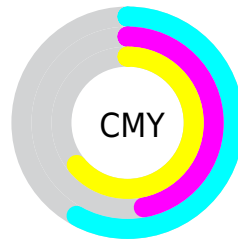


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A865B 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 6A865B by changing the saturation by 10% instead.



 6A865B

 6A865B

FFFFFF

 516D43

 9EBB8D

 3A542D

 B9D7A8

 233D17

 D5F4C3

 0F2700

 F2FFDF


 001200

 FFFFFC

 000000

 6A865B

 6A865B

 61864E

 738668

 598640

 7B8676

 508633

 848683

 478625

 8D8691

 3E8618

 96869E

 36860B

 9E86AB

 2F8600

 A786B9

 B086C6

 B986D4

# Harmonies

## Analogous

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



848050



6A865B



4E8A6F

# Triad

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



6A865B



4884AA



AC6C75

# Complementary

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



6A865B



775B86

# 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.



A36E8D



6A865B



6D7DAB

# Square

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



6A865B



2D899D



8E74A0



A8705F

# Rectangle

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



6A865B



3B8B7F



8E74A0



AB6C7D



# Sweetspot

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



6A865B



A2AD9C



86775B



50574C



D6D6D6



575757



# Same Dimension

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



6A865B



81AD6A



5B8661



3E423C



2D8200



010300



# Inverse Universe

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



775B86



966AAD



865B80



403C42



550082



020003



# Previews

## White Background



This preview shows how the Hex color 6A865B looks on a white background.

## Color Contrast Check

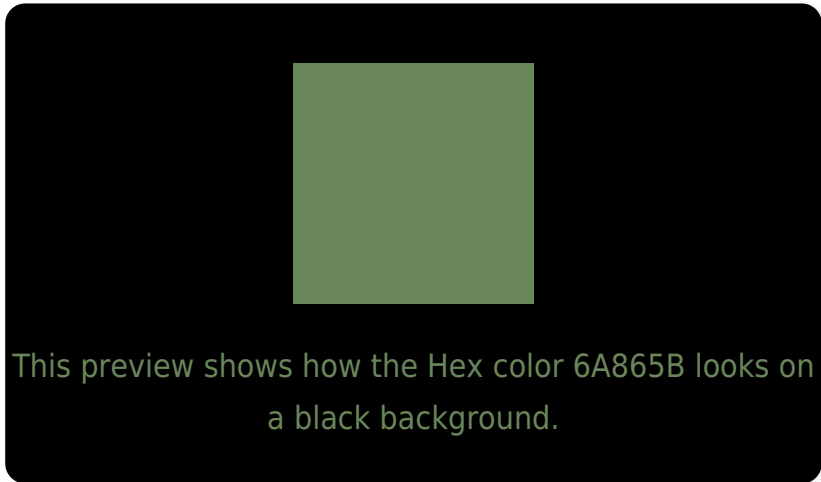
Large Text (above 18pt) WCAG AA ✓ Pass

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

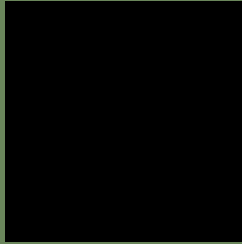
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A865B Background



This preview shows how black text looks on a background with the Hex color 6A865B.

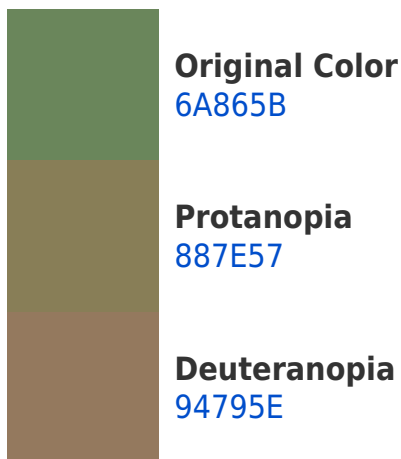


This preview shows how white text looks on a background with the Hex color 6A865B.

# 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**  
71808A

# Trichromacy



**Original Color**  
6A865B

**Protanomaly**  
7D8158

**Deuteranomaly**  
857E5D

**Tritanomaly**  
6E8279

# Monochromacy



**Original Color**  
6A865B

**Achromatopsia**  
797979

**Achromatomaly**  
747E6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A865B 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 #6A865B looks like.

```
.text, #text, p{  
    color:#6A865B  
}
```

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 #6A865B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A865B
}
```

## Border

The CSS property to change the border of an element to Hex 6A865B 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
#6A865B }
```

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

```
.border{ border-color:#6A865B }
```

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

Here you see how a box with a 4 pixel #6A865B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A865B; -webkit-box-shadow:4px 4px  
4px 4px #6A865B; box-shadow:4px 4px 4px  
4px #6A865B }
```

# Background

The CSS property to change the background color of an element to Hex 6A865B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A865B }
```

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

```
.background{ background-color:#6A865B }
```

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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