

# Converting Colors

Hex(6B995E)

Have a look what the booklet for  
Hex(6B995E) contains.

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# Color

Hex(6B995E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B995E
RGB	107, 153, 94
RGB Percent	42%, 60%, 37%
CMY	0.5804, 0.4000, 0.6314
CMYK	0.30, 0.00, 0.39, 0.40
HSL	107°, 24%, 48%
HSV	107°, 39%, 60%
XYZ	19.4750, 26.7164, 14.7200
YIQ	132.5200, -8.4770, -28.1010

# Conversions

## Conversions Part 2

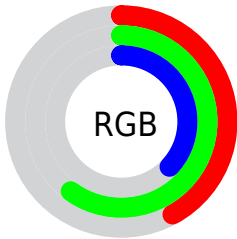
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 153, 140
Decimal	7051614
CIE <sub>Lab</sub>	58.71, -27.26, 26.16
CIE <sub>LCh</sub>	59, 37.785, 136.174
Yxy	26.7164, 0.3197, 0.4386
Android (android.graphics.Color)	4285241694 (0xFF6B995E)
YUV	132.5200, -18.9904, -22.3810
Hunter-Lab	51.6879, -23.1985, 19.2966

# Details

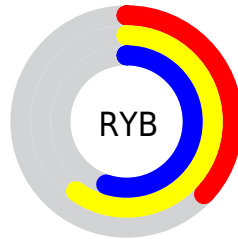
The Hex color **6B995E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C5E99**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A0D091**, and **39662F** is the 20% darker color. If you saturate the color by 10%, you get **5F994F**, and if you desaturate by 10%, it is **77996D**.

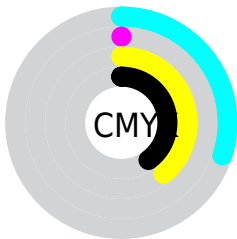
# Distribution



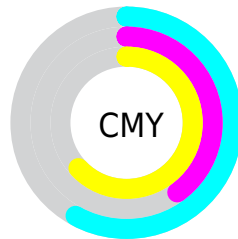
- Red (42%)
- Green (60%)
- Blue (37%)



- Red (37%)
- Yellow (60%)
- Blue (55%)



- Cyan (30%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B995E 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 6B995E by changing the saturation by 10% instead.





6B995E



6B995E

FFFFFF



527F46



A0D091



39662F



BBECAC



204D18



D7FFC7



063600



F4FFE3



002200



000000



6B995E



6B995E



5F994F



77996D



53993F



83997D

 479930

 8F998C

 3B9921

 9B999B

 2F9912

 A799AB

 239902

 B399BA

 229900

 BF99C9

 CA99D8

 D699E8

# Harmonies

## Analogous

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



90914C



6B995E



3C9E7C

# Triad

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



6B995E



3695CD



CD737C

# Complementary

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



6B995E



8C5E99

# 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.



C4749E



6B995E



798ACD

# Square

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



6B995E



009CBC



A77EBB



C57A5F

# Rectangle

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



6B995E



009F93



A77EBB



CC7288



# Sweetspot

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



6B995E



B4C7AF



998B5E



596356



E3E3E3



636363



# Same Dimension

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



6B995E



80C76B



5E996E



474D45



1F8C00



030D00



# Inverse Universe

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



8C5E99



B36BC7



995E89



4B454D



6D008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 6B995E looks on a white background.

## Color Contrast Check

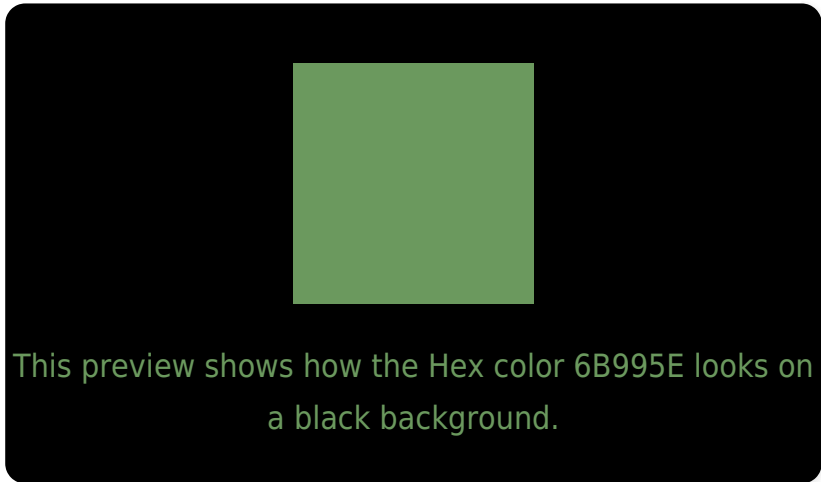
Large Text (above 18pt) WCAG AA ✓ Pass

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

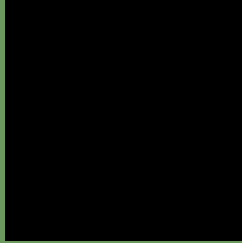
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B995E Background



This preview shows how black text looks on a background with the Hex color 6B995E.



This preview shows how white text looks on a background with the Hex color 6B995E.

# 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**  
6B995E

**Protanopia**  
998D59

**Deuteranopia**  
A88762



**Tritanopia**  
76919D

# Trichromacy



**Original Color**  
6B995E

**Protanomaly**  
88915B

**Deuteranomaly**  
928E61

**Tritanomaly**  
729486

# Monochromacy



**Original Color**  
6B995E

**Achromatopsia**  
858585

**Achromatomaly**  
7C8C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B995E 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 #6B995E looks like.

```
.text, #text, p{  
    color:#6B995E  
}
```

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 #6B995E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B995E
}
```

## Border

The CSS property to change the border of an element to Hex 6B995E 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
#6B995E }
```

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

```
.border{ border-color:#6B995E }
```

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

Here you see how a box with a 4 pixel #6B995E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B995E; -webkit-box-shadow:4px 4px  
4px 4px #6B995E; box-shadow:4px 4px 4px  
4px #6B995E }
```

# Background

The CSS property to change the background color of an element to Hex 6B995E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B995E }
```

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

```
.background{ background-color:#6B995E }
```

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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