

# Converting Colors

Hex(6A7951)

Have a look what the booklet for  
Hex(6A7951) contains.

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**Color**

**Hex(6A7951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7951
RGB	106, 121, 81
RGB Percent	42%, 47%, 32%
CMY	0.5843, 0.5255, 0.6824
CMYK	0.12, 0.00, 0.33, 0.53
HSL	82°, 20%, 40%
HSV	82°, 33%, 47%
XYZ	14.2664, 17.3330, 10.3783
YIQ	111.9550, 3.9000, -15.6200

# Conversions

## Conversions Part 2

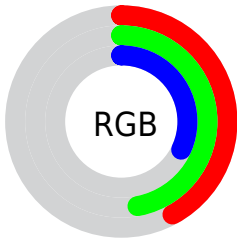
Format	Color
<a href="#">RYB</a>	<a href="#">81, 121, 96</a>
Decimal	<a href="#">6977873</a>
CIELab	<a href="#">48.68, -13.06, 20.15</a>
CIELCh	<a href="#">49, 24.013, 122.939</a>
Yxy	<a href="#">17.3330, 0.3399, 0.4129</a>
Android (android.graphics.Color)	<a href="#">4285167953 (0xFF6A7951)</a>
YUV	<a href="#">111.9550, -15.2608, -5.2225</a>
Hunter-Lab	<a href="#">41.6329, -11.6907, 14.3632</a>

# Details

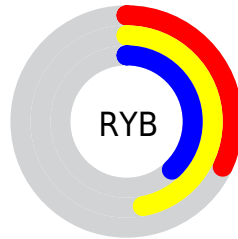
The Hex color **6A7951** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **605179**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9EAD83**, and **3A4824** is the 20% darker color. If you saturate the color by 10%, you get **657945**, and if you desaturate by 10%, it is **6F795D**.

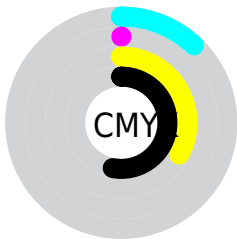
# Distribution



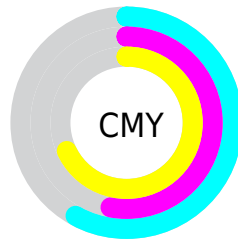
- Red (42%)
- Green (47%)
- Blue (32%)



- Red (32%)
- Yellow (47%)
- Blue (38%)



- Cyan (12%)
- Magenta (0%)
- Yellow (33%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7951 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 6A7951 by changing the saturation by 10% instead.





6A7951



6A7951

FFFFFF



51603A



9EAD83



3A4824



B9C99D



24320E



D5E5B8



0E1D00



F1FFD4



000000



FFFFFF0



6A7951



6A7951



657945



6F795D



617939



737969

■ 5C792D

■ 787975

■ 587921

■ 7C7981

■ 537914

■ 81798D

■ 4F7908

■ 85799A

■ 4C7900

■ 8A79A6

■ 8E79B2

■ 9379BE

# Harmonies

## Analogous

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



80734B



6A7951



527D61

# Triad

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



6A7951



3E7B97



9B6472

# Complementary

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



6A7951



605179

# 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.



8F6786



6A7951



5B759C

# Square

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



6A7951



2F7E89



796E96



9B665F

# Rectangle

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



6A7951



427E6E



796E96



986579



# Sweetspot

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



6A7951



989E8E



796051



4B4F46



CFCFCF



4F4F4F



# Same Dimension

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



6A7951



869E5F



567951



3B3D37



4E7D00



9EFC00



# Inverse Universe

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



605179



775F9E



745179



39373D



2F007D



5F00FC



# Previews

## White Background



This preview shows how the Hex color 6A7951 looks on a white background.

## Color Contrast Check

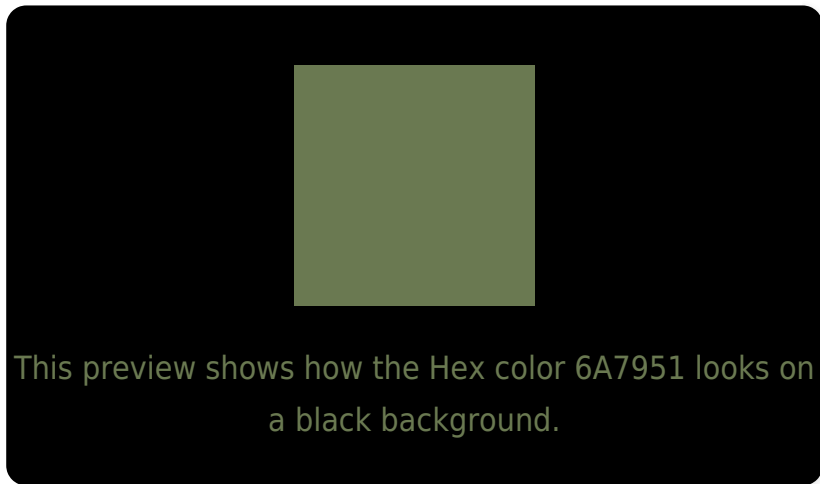
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

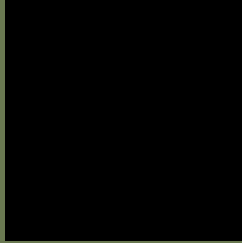
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A7951 Background



This preview shows how black text looks on a background with the Hex color 6A7951.



This preview shows how white text looks on a background with the Hex color 6A7951.

# 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**  
6A7951

**Protanopia**  
7D734F

**Deuteranopia**  
896F53



**Tritanopia**  
70747D

# Trichromacy



**Original Color**  
6A7951

**Protanomaly**  
767550

**Deuteranomaly**  
7E7352

**Tritanomaly**  
6E766D

# Monochromacy



**Original Color**  
6A7951

**Achromatopsia**  
707070

**Achromatomaly**  
6E7365

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7951 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 #6A7951 looks like.

```
.text, #text, p{  
    color:#6A7951  
}
```

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 #6A7951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7951
}
```

## Border

The CSS property to change the border of an element to Hex 6A7951 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
#6A7951 }
```

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

```
.border{ border-color:#6A7951 }
```

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

Here you see how a box with a 4 pixel #6A7951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7951; -webkit-box-shadow:4px 4px  
4px 4px #6A7951; box-shadow:4px 4px 4px  
4px #6A7951 }
```

# Background

The CSS property to change the background color of an element to Hex 6A7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7951 }
```

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

```
.background{ background-color:#6A7951 }
```

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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