

# Converting Colors

Hex(6A7D4E)

Have a look what the booklet for  
Hex(6A7D4E) contains.

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# Color

Hex(6A7D4E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7D4E
RGB	106, 125, 78
RGB Percent	42%, 49%, 31%
CMY	0.5843, 0.5098, 0.6941
CMYK	0.15, 0.00, 0.38, 0.51
HSL	84°, 23%, 40%
HSV	84°, 38%, 49%
XYZ	14.6526, 18.2815, 9.9641
YIQ	113.9610, 3.7630, -18.6450

# Conversions

## Conversions Part 2

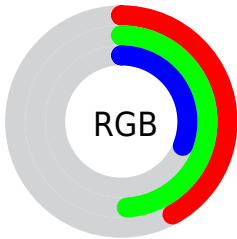
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 125, 97
Decimal	6978894
CIELab	49.84, -15.68, 23.38
CIELCh	50, 28.151, 123.837
Yxy	18.2815, 0.3416, 0.4262
Android (android.graphics.Color)	4285168974 (0xFF6A7D4E)
YUV	113.9610, -17.7288, -6.9818
Hunter-Lab	42.7568, -13.6531, 16.1127

# Details

The Hex color **6A7D4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **614E7D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9EB280**, and **3A4C20** is the 20% darker color. If you saturate the color by 10%, you get **657D42**, and if you desaturate by 10%, it is **6F7D5A**.

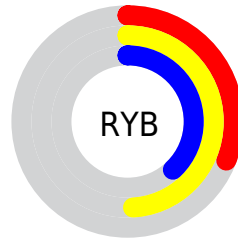
# Distribution



Red (42%)

Green (49%)

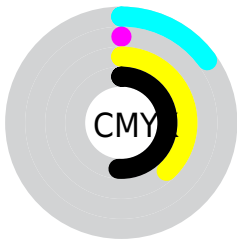
Blue (31%)



Red (31%)

Yellow (49%)

Blue (38%)

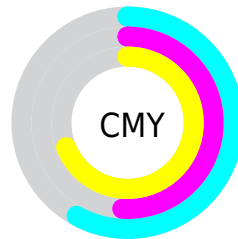


Cyan (15%)

Magenta (0%)

Yellow (38%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7D4E 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 6A7D4E by changing the saturation by 10% instead.



6A7D4E

6A7D4E

FFFFFF

516437

9EB280

3A4C20

B9CD9A

23350A

D5E9B5

0D2000

F2FFD0

000000

FFFFED

6A7D4E

6A7D4E

657D42

6F7D5A

607D35

747D67

■ 5B7D29

■ 797D74

■ 567D1C

■ 7E7D80

■ 517D10

■ 837D8D

■ 4C7D03

■ 887D99

■ 4A7D00

■ 8D7DA6

■ 927DB2

■ 977DBF

# Harmonies

## Analogous

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



837646



6A7D4E



4D8261

# Triad

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



6A7D4E



307FA1



A46474

# Complementary

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



6A7D4E



614E7D

# 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.



97678C



6A7D4E



5978A6

# Square

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



6A7D4E



158290



7D6F9E



A4675D

# Rectangle

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



6A7D4E



388371



7D6F9E



A1647C



# Sweetspot

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



6A7D4E



9CA391



7D614E



4D5247



D1D1D1



525252



# Same Dimension

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



6A7D4E



86A35A



537D4E



3D4039



4C8000



000000



# Inverse Universe

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



614E7D



775AA3



784E7D



3C3940



340080



000000



# Previews

## White Background



This preview shows how the Hex color 6A7D4E looks on a white background.

## Color Contrast Check

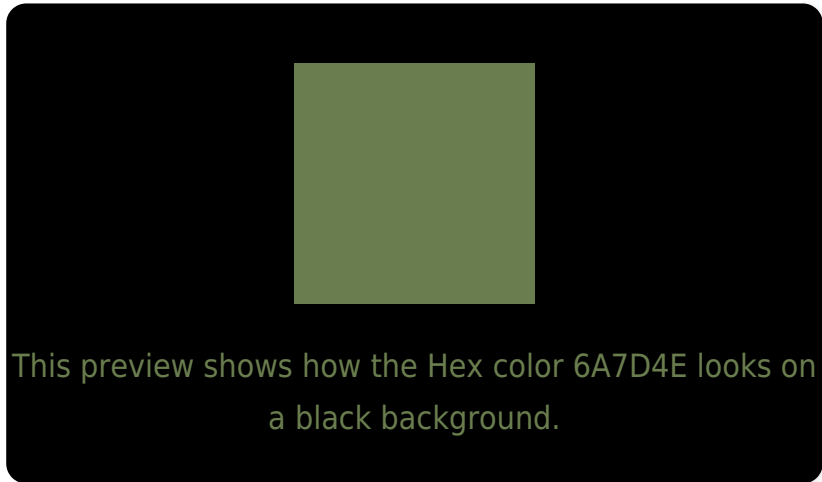
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

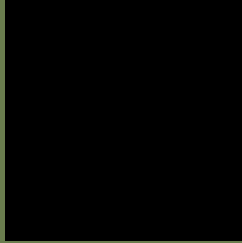
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A7D4E Background



This preview shows how black text looks on a background with the Hex color 6A7D4E.



This preview shows how white text looks on a background with the Hex color 6A7D4E.

# 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**  
6A7D4E

**Protanopia**  
81764B

**Deuteranopia**  
8D7151



**Tritanopia**  
717780

# Trichromacy



**Original Color**  
6A7D4E

**Protanomaly**  
79794C

**Deuteranomaly**  
807550

**Tritanomaly**  
6E796E

# Monochromacy



**Original Color**  
6A7D4E

**Achromatopsia**  
727272

**Achromatomaly**  
6F7665

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7D4E 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 #6A7D4E looks like.

```
.text, #text, p{  
    color:#6A7D4E  
}
```

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 #6A7D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7D4E
}
```

## Border

The CSS property to change the border of an element to Hex 6A7D4E 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
#6A7D4E }
```

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

```
.border{ border-color:#6A7D4E }
```

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

Here you see how a box with a 4 pixel #6A7D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7D4E; -webkit-box-shadow:4px 4px  
4px 4px #6A7D4E; box-shadow:4px 4px 4px  
4px #6A7D4E }
```

# Background

The CSS property to change the background color of an element to Hex 6A7D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7D4E }
```

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

```
.background{ background-color:#6A7D4E }
```

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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