

Converting Colors

Hex(6A7E4D)

Have a look what the booklet for
Hex(6A7E4D) contains.

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Color

Hex(6A7E4D)

Conversions

Conversions Part 1

Format	Color
Hex	6A7E4D
RGB	106, 126, 77
RGB Percent	42%, 49%, 30%
CMY	0.5843, 0.5059, 0.6980
CMYK	0.16, 0.00, 0.39, 0.51
HSL	84°, 24%, 40%
HSV	84°, 39%, 49%
XYZ	14.7443, 18.5217, 9.8191
YIQ	114.4340, 3.8090, -19.4790

Conversions

Conversions Part 2

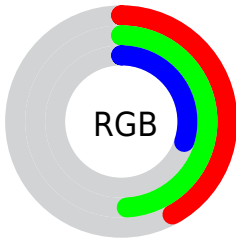
Format	Color
RYB	77, 126, 97
Decimal	6979149
CIELab	50.12, -16.36, 24.32
CIELCh	50, 29.305, 123.924
Yxy	18.5217, 0.3422, 0.4299
Android (android.graphics.Color)	4285169229 (0xFF6A7E4D)
YUV	114.4340, -18.4550, -7.3966
Hunter-Lab	43.0368, -14.1610, 16.5984

Details

The Hex color **6A7E4D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **614D7E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9EB37F**, and **394D1F** is the 20% darker color. If you saturate the color by 10%, you get **657E40**, and if you desaturate by 10%, it is **6F7E5A**.

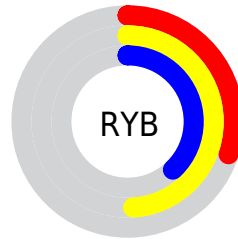
Distribution



Red (42%)

Green (49%)

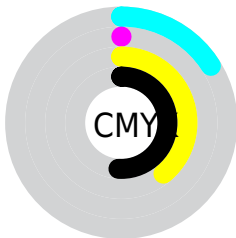
Blue (30%)



Red (30%)

Yellow (49%)

Blue (38%)

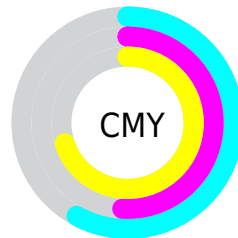


Cyan (16%)

Magenta (0%)

Yellow (39%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7E4D 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 6A7E4D by changing the saturation by 10% instead.

 6A7E4D

 6A7E4D

FFFFFF

 516536

 9EB37F

 394D1F

 B9CE99

 233609

 D5EAB4

 0D2100

 F2FFCF

 000100

 FFFFEC

 000000

 6A7E4D

 6A7E4D

 657E40

 6F7E5A

 607E34

 747E66

■ 5B7E27

■ 797E73

■ 557E1B

■ 7F7E7F

■ 507E0E

■ 847E8C

■ 4B7E01

■ 897E99

■ 4B7E00

■ 8E7EA5

■ 937EB2

■ 987EBE

Harmonies

Analogous

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



847745



6A7E4D



4C8361

Triad

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



6A7E4D



2B80A3



A76475

Complementary

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



6A7E4D



614D7E

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.



99678E



6A7E4D



5879A9

Square

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



6A7E4D



058492



7E70A1



A6675D

Rectangle

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



6A7E4D



358471



7E70A1



A4647D

Sweetspot

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



6A7E4D



9BA390



7E614D



4D5246



D1D1D1



525252

Same Dimension

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



6A7E4D



84A356



527E4D



3D4039



4B8000



000000

Inverse Universe

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



614D7E



7656A3



794D7E



3C3940



340080



000000

Previews

White Background



This preview shows how the Hex color 6A7E4D 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

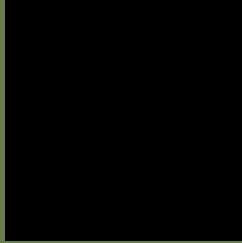
Any Text WCAG AA ✓ Pass

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 6A7E4D Background



This preview shows how black text looks on a background with the Hex color 6A7E4D.



This preview shows how white text looks on a background with the Hex color 6A7E4D.

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
717881

Trichromacy



Original Color
6A7E4D

Protanomaly
797A4B

Deuteranomaly
82764F

Tritanomaly
6E7A6E

Monochromacy



Original Color
6A7E4D

Achromatopsia
727272

Achromatomaly
6F7665

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7E4D 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 #6A7E4D looks like.

```
.text, #text, p{  
    color:#6A7E4D  
}
```

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 #6A7E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7E4D
}
```

Border

The CSS property to change the border of an element to Hex 6A7E4D 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".

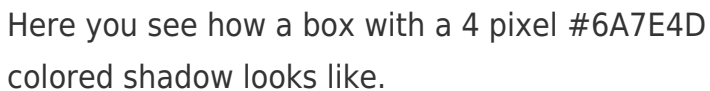
```
.border, #border, table{ border:4px solid
#6A7E4D }
```

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

```
.border{ border-color:#6A7E4D }
```

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

Here you see how a box with a 4 pixel #6A7E4D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7E4D; -webkit-box-shadow:4px 4px  
4px 4px #6A7E4D; box-shadow:4px 4px 4px  
4px #6A7E4D }
```

Background

The CSS property to change the background color of an element to Hex 6A7E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7E4D }
```

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

```
.background{ background-color:#6A7E4D }
```

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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