

Converting Colors

Hex(6A7857)

Have a look what the booklet for
Hex(6A7857) contains.

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Color

Hex(6A7857)

Conversions

Conversions Part 1

Format	Color
Hex	6A7857
RGB	106, 120, 87
RGB Percent	42%, 47%, 34%
CMY	0.5843, 0.5294, 0.6588
CMYK	0.12, 0.00, 0.27, 0.53
HSL	85°, 16%, 41%
HSV	85°, 27%, 47%
XYZ	14.3806, 17.1852, 11.5760
YIQ	112.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

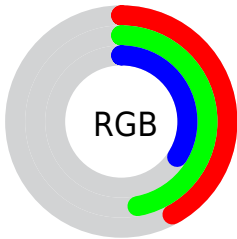
Format	Color
R_{YB}	87, 120, 101
Decimal	6977623
CIE _{Lab}	48.49, -11.56, 16.45
CIE _{LCh}	48, 20.101, 125.090
Yxy	17.1852, 0.3333, 0.3983
Android (android.graphics.Color)	4285167703 (0xFF6A7857)
YUV	112.0520, -12.3506, -5.3076
Hunter-Lab	41.4551, -10.6253, 12.4623

Details

The Hex color **6A7857** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **655778**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9EAC89**, and **3A4829** is the 20% darker color. If you saturate the color by 10%, you get **65784B**, and if you desaturate by 10%, it is **6F7863**.

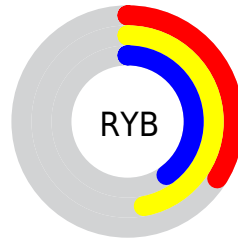
Distribution



Red (42%)

Green (47%)

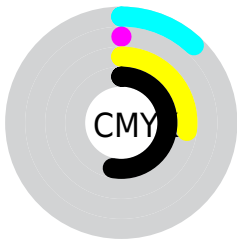
Blue (34%)



Red (34%)

Yellow (47%)

Blue (40%)

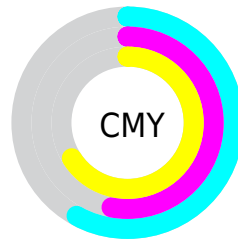


Cyan (12%)

Magenta (0%)

Yellow (27%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7857 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 6A7857 by changing the saturation by 10% instead.



6A7857



6A7857

FFFFFF



525F40



9EAC89



3A4829



B9C8A3



243114



D4E4BE



101C00



F1FFDA



000000



FFFFFF7



6A7857



6A7857



65784B



6F7863



60783F



74786F

 5B7833

 79787B

 567827

 7E7887

 51781B

 837893

 4B780F

 89789F

 467803

 8E78AB

 457800

 9378B7

 9878C3

Harmonies

Analogous

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



7D7351



6A7857



567B64

Triad

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



6A7857



4B7991



956771

Complementary

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



6A7857



655778

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.



8B6982



6A7857



627495

Square

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



6A7857



407C86



796E8F



946960

Rectangle

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



6A7857



4B7C70



796E8F



936777

Sweetspot

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



6A7857



969C8F



786557



4C4F47



CFCFCF



4F4F4F

Same Dimension

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



6A7857



869C68



5A7857



3B3D37



487D00



91FC00

Inverse Universe

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



655778



7E689C



755778



3A373D



35007D



6B00FC

Previews

White Background



This preview shows how the Hex color 6A7857 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

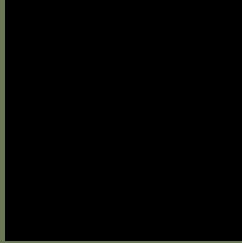
Any Text WCAG AA × Fail

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 6A7857 Background



This preview shows how black text looks on a background with the Hex color 6A7857.



This preview shows how white text looks on a background with the Hex color 6A7857.

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
6A7857

Protanopia
7B7355

Deuteranopia
876E59



Tritanopia
6F737C

Trichromacy



Original Color
6A7857

Protanomaly
757556

Deuteranomaly
7C7258

Tritanomaly
6D756F

Monochromacy



Original Color
6A7857

Achromatopsia
707070

Achromatomaly
6E7367

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7857 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 #6A7857 looks like.

```
.text, #text, p{  
    color:#6A7857  
}
```

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 #6A7857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7857
}
```

Border

The CSS property to change the border of an element to Hex 6A7857 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".

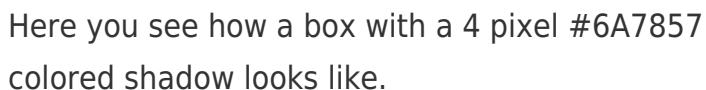
```
.border, #border, table{ border:4px solid
#6A7857 }
```

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

```
.border{ border-color:#6A7857 }
```

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

Here you see how a box with a 4 pixel #6A7857 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7857; -webkit-box-shadow:4px 4px  
4px 4px #6A7857; box-shadow:4px 4px 4px  
4px #6A7857 }
```

Background

The CSS property to change the background color of an element to Hex 6A7857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7857 }
```

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

```
.background{ background-color:#6A7857 }
```

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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