

Converting Colors

Hex(6A7A58)

Have a look what the booklet for
Hex(6A7A58) contains.

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Color

Hex(6A7A58)

Conversions

Conversions Part 1

Format	Color
Hex	6A7A58
RGB	106, 122, 88
RGB Percent	42%, 48%, 35%
CMY	0.5843, 0.5216, 0.6549
CMYK	0.13, 0.00, 0.28, 0.52
HSL	88°, 16%, 41%
HSV	88°, 28%, 48%
XYZ	14.6648, 17.6878, 11.8737
YIQ	113.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

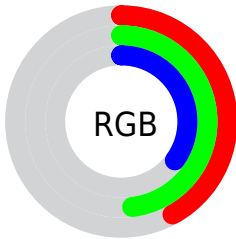
Format	Color
R_{YB}	88, 122, 104
Decimal	6978136
CIE _{Lab}	49.12, -12.50, 16.72
CIE _{LCh}	49, 20.870, 126.779
Yxy	17.6878, 0.3316, 0.3999
Android (android.graphics.Color)	4285168216 (0xFF6A7A58)
YUV	113.3400, -12.4926, -6.4372
Hunter-Lab	42.0569, -11.3583, 12.7008

Details

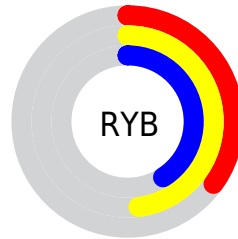
The Hex color **6A7A58** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68587A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9EAE8A**, and **3A492A** is the 20% darker color. If you saturate the color by 10%, you get **647A4C**, and if you desaturate by 10%, it is **707A64**.

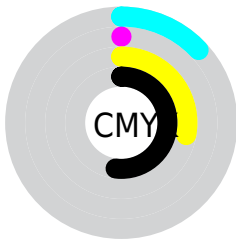
Distribution



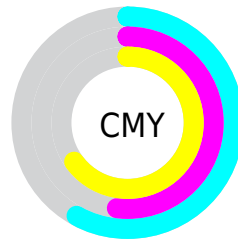
- Red (42%)
- Green (48%)
- Blue (35%)



- Red (35%)
- Yellow (48%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7A58 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 6A7A58 by changing the saturation by 10% instead.



6A7A58



6A7A58

FFFFFF



526140



9EAE8A



3A492A



B9CAA4



243315



D4E6C0



111E00



F1FFDC



000000



FFFFFF8



6A7A58



6A7A58



647A4C



707A64



5F7A40



757A70

■ 597A33

■ 7B7A7D

■ 537A27

■ 817A89

■ 4D7A1B

■ 877A95

■ 487A0F

■ 8C7AA1

■ 427A03

■ 927AAD

■ 417A00

■ 987ABA

■ 9E7AC6

Harmonies

Analogous

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



7D7552



6A7A58



567D66

Triad

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



6A7A58



4C7A95



986871

Complementary

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



6A7A58



68587A

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.



8F6A83



6A7A58



647598

Square

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



6A7A58



3F7E89



7D6F91



976A60

Rectangle

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



6A7A58



497E72



7D6F91



966877

Sweetspot

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



6A7A58



989E91



7A6858



4B4F47



CFCFCF



4F4F4F

Same Dimension

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



6A7A58



869E6A



597A58



3A3D37



427D00



86FC00

Inverse Universe

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



68587A



826A9E



79587A



3A373D



3B007D



7700FC

Previews

White Background



This preview shows how the Hex color 6A7A58 looks on a white background.

Color Contrast Check

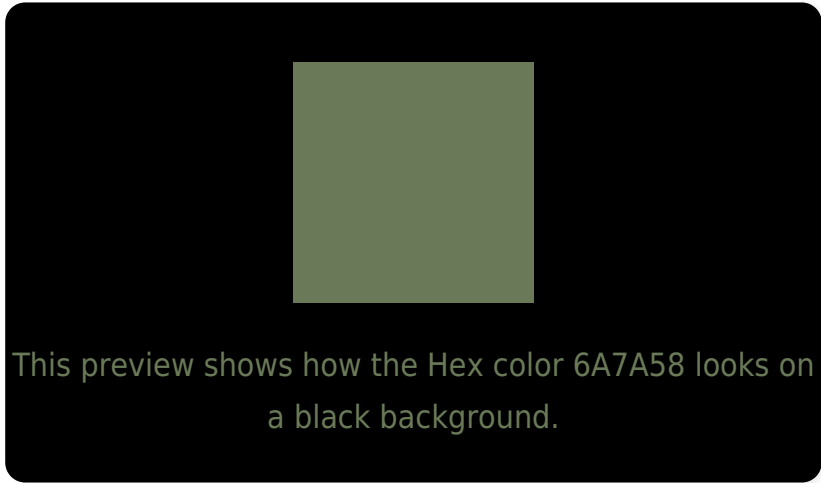
Large Text (above 18pt) WCAG AA ✓ Pass

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

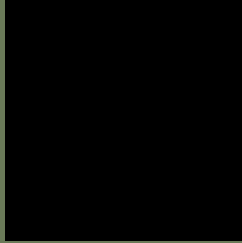
Any Text WCAG AA ✓ Pass

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 6A7A58 Background



This preview shows how black text looks on a background with the Hex color 6A7A58.



This preview shows how white text looks on a background with the Hex color 6A7A58.

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
6A7A58

Protanopia
7D7456

Deuteranopia
89705A



Tritanopia
70757E

Trichromacy



Original Color
6A7A58

Protanomaly
767657

Deuteranomaly
7E7459

Tritanomaly
6E7770

Monochromacy



Original Color
6A7A58

Achromatopsia
717171

Achromatomaly
6E7468

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7A58 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 #6A7A58 looks like.

```
.text, #text, p{  
    color:#6A7A58  
}
```

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 #6A7A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7A58
}
```

Border

The CSS property to change the border of an element to Hex 6A7A58 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
#6A7A58 }
```

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

```
.border{ border-color:#6A7A58 }
```

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

Here you see how a box with a 4 pixel #6A7A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7A58; -webkit-box-shadow:4px 4px  
4px 4px #6A7A58; box-shadow:4px 4px 4px  
4px #6A7A58 }
```

Background

The CSS property to change the background color of an element to Hex 6A7A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7A58 }
```

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

```
.background{ background-color:#6A7A58 }
```

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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