

Converting Colors

Hex(5A7655)

Have a look what the booklet for
Hex(5A7655) contains.

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Color

Hex(5A7655)

Conversions

Conversions Part 1

Format	Color
Hex	5A7655
RGB	90, 118, 85
RGB Percent	35%, 46%, 33%
CMY	0.6471, 0.5373, 0.6667
CMYK	0.24, 0.00, 0.28, 0.54
HSL	111°, 16%, 40%
HSV	111°, 28%, 46%
XYZ	12.3346, 15.7864, 10.9913
YIQ	105.8660, -6.0950, -16.1990

Conversions

Conversions Part 2

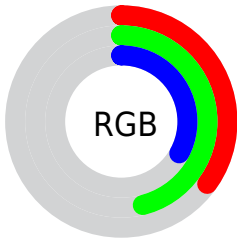
Format	Color
R_{YB}	85, 118, 113
Decimal	5928533
CIE _{Lab}	46.69, -17.09, 14.97
CIE _{LCh}	47, 22.715, 138.781
Yxy	15.7864, 0.3154, 0.4036
Android (android.graphics.Color)	4284118613 (0xFF5A7655)
YUV	105.8660, -10.2869, -13.9145
Hunter-Lab	39.7321, -14.1170, 11.4108

Details

The Hex color **5A7655** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **715576**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8DAA87**, and **2B4628** is the 20% darker color. If you saturate the color by 10%, you get **507649**, and if you desaturate by 10%, it is **647661**.

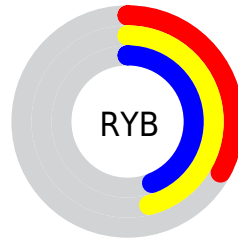
Distribution



Red (35%)

Green (46%)

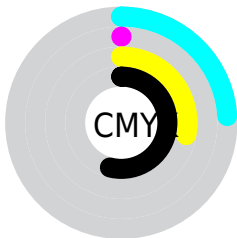
Blue (33%)



Red (33%)

Yellow (46%)

Blue (44%)

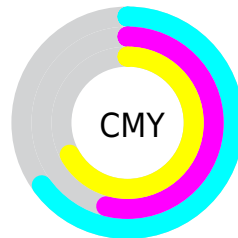


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (54%)



Cyan (65%)

Magenta (54%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7655 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 5A7655 by changing the saturation by 10% instead.



5A7655



5A7655

FFFFFF



425D3E



8DAA87



2B4628



A7C6A1



152F13



C3E2BC



001B00



DFFED8



000000



FBFFF4



5A7655



5A7655



507649



647661



46763D



6E766D

■ 3C7632

■ 787678

■ 327626

■ 827684

■ 28761A

■ 8C7690

■ 1E760E

■ 96769C

■ 147602

■ A076A8

■ 127600

■ AA76B3

■ B476BF

Harmonies

Analogous

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



70714A



5A7655



447967

Triad

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



5A7655



4B7394



956163

Complementary

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



5A7655



715576

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.



906177



5A7655



676C93

Square

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



5A7655



34778B



806688



906553

Rectangle

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



5A7655



377974



806688



94606A

Sweetspot

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



5A7655



8F998D



767155



464D45



CCCCCC



4D4D4D

Same Dimension

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



5A7655



6D9965



557660



363B35



137A00



26FA00

Inverse Universe

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



715576



916599



76556B



3A353B



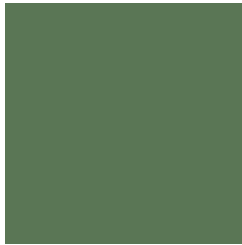
68007A



D400FA

Previews

White Background



This preview shows how the Hex color 5A7655 looks on a white background.

Color Contrast Check

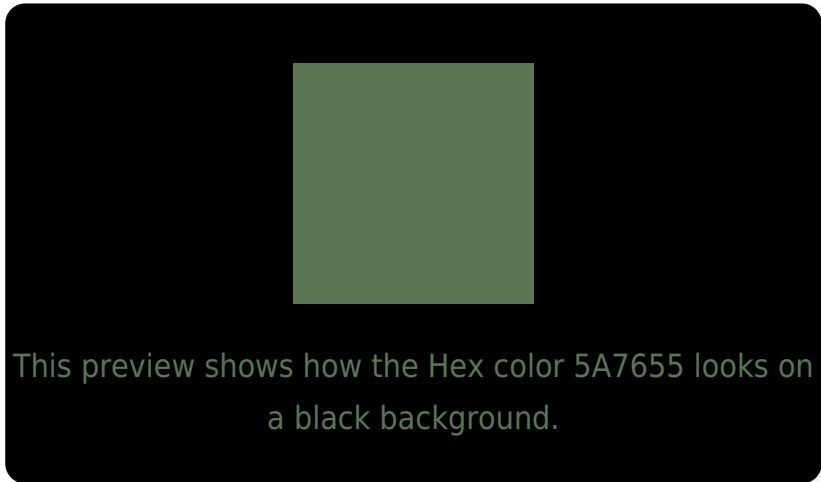
Large Text (above 18pt) WCAG AA ✓ Pass

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

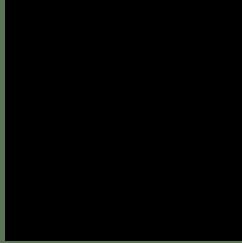
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

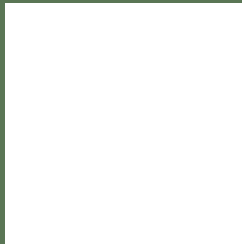
Any Text WCAG AAA × Fail

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

Hex 5A7655 Background



This preview shows how black text looks on a background with the Hex color 5A7655.



This preview shows how white text looks on a background with the Hex color 5A7655.

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
5A7655

Protanopia
766E52

Deuteranopia
816A58



Tritanopia
60717A

Trichromacy



Original Color
5A7655

Protanomaly
6C7153

Deuteranomaly
736E57

Tritanomaly
5E736D

Monochromacy



Original Color
5A7655

Achromatopsia
6A6A6A

Achromatomaly
646E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7655 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 #5A7655 looks like.

```
.text, #text, p{  
    color:#5A7655  
}
```

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 #5A7655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7655
}
```

Border

The CSS property to change the border of an element to Hex 5A7655 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
#5A7655 }
```

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

```
.border{ border-color:#5A7655 }
```

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

Here you see how a box with a 4 pixel #5A7655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7655; -webkit-box-shadow:4px 4px  
4px 4px #5A7655; box-shadow:4px 4px 4px  
4px #5A7655 }
```

Background

The CSS property to change the background color of an element to Hex 5A7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7655 }
```

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

```
.background{ background-color:#5A7655 }
```

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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