

Converting Colors

Hex(6A7656)

Have a look what the booklet for
Hex(6A7656) contains.

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Color

Hex(6A7656)

Conversions

Conversions Part 1

Format	Color
Hex	6A7656
RGB	106, 118, 86
RGB Percent	42%, 46%, 34%
CMY	0.5843, 0.5373, 0.6627
CMYK	0.10, 0.00, 0.27, 0.54
HSL	82°, 16%, 40%
HSV	82°, 27%, 46%
XYZ	14.1020, 16.6929, 11.2829
YIQ	110.7640, 3.1200, -12.4960

Conversions

Conversions Part 2

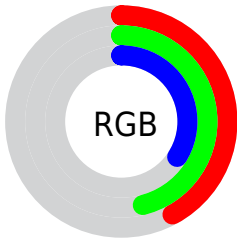
Format	Color
RYB	86, 118, 98
Decimal	6977110
CIELab	47.87, -10.61, 16.18
CIELCh	48, 19.349, 123.244
Yxy	16.6929, 0.3351, 0.3967
Android (android.graphics.Color)	4285167190 (0xFF6A7656)
YUV	110.7640, -12.2087, -4.1780
Hunter-Lab	40.8570, -9.8895, 12.2266

Details

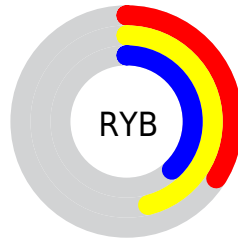
The Hex color **6A7656** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **625676**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9EAA88**, and **3A4628** is the 20% darker color. If you saturate the color by 10%, you get **66764A**, and if you desaturate by 10%, it is **6E7662**.

Distribution



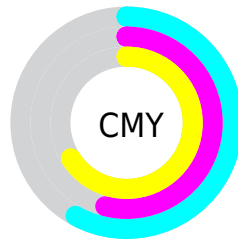
- Red (42%)
- Green (46%)
- Blue (34%)



- Red (34%)
- Yellow (46%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (27%)
- Black (54%)



- Cyan (58%)
- Magenta (54%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7656 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 6A7656 by changing the saturation by 10% instead.



6A7656



6A7656

FFFFFF



525D3F



9EAA88



3A4628



B9C5A2



242F14



D4E1BD



101B00



F1FED9



000000



FFFFFF6



6A7656



6A7656



66764A



6E7662



61763E



73766E

■ 5D7633

■ 777679

■ 587627

■ 7C7685

■ 54761B

■ 807691

■ 4F760F

■ 85769D

■ 4B7603

■ 8976A9

■ 4A7600

■ 8D76B4

■ 9276C0

Harmonies

Analogous

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



7C7151



6A7656



577962

Triad

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



6A7656



4B778E



926670

Complementary

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



6A7656



625676

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.



886881



6A7656



607292

Square

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



6A7656



417A83



766D8D



926760

Rectangle

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



6A7656



4C7B6D



766D8D



8F6676

Sweetspot

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



6A7656



94998D



766256



4A4D45



CCCCCC



4D4D4D

Same Dimension

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



6A7656



869967



5A7656



383B35



4D7A00



9CFA00

Inverse Universe

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



625676



796799



725676



37353B



2E007A



5E00FA

Previews

White Background



This preview shows how the Hex color 6A7656 looks on a white background.

Color Contrast Check

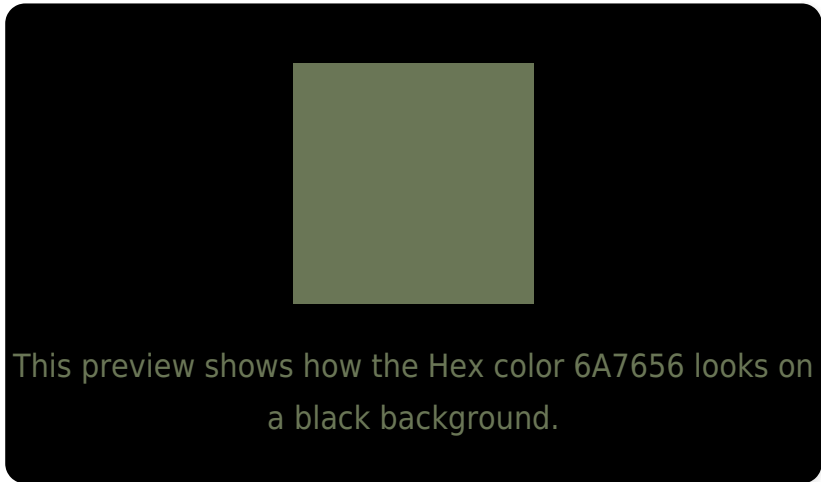
Large Text (above 18pt) WCAG AA ✓ Pass

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

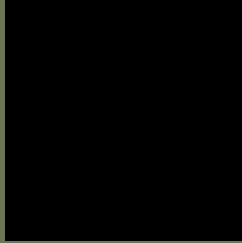
Any Text WCAG AA × Fail

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 6A7656 Background



This preview shows how black text looks on a background with the Hex color 6A7656.



This preview shows how white text looks on a background with the Hex color 6A7656.

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
6A7656

Protanopia
7A7154

Deuteranopia
856D58



Tritanopia
6F717A

Trichromacy



Original Color
6A7656

Protanomaly
747355

Deuteranomaly
7B7057

Tritanomaly
6D736D

Monochromacy



Original Color
6A7656

Achromatopsia
6F6F6F

Achromatomaly
6D7266

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7656 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 #6A7656 looks like.

```
.text, #text, p{  
    color:#6A7656  
}
```

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 #6A7656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7656
}
```

Border

The CSS property to change the border of an element to Hex 6A7656 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
#6A7656 }
```

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

```
.border{ border-color:#6A7656 }
```

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

Here you see how a box with a 4 pixel #6A7656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7656; -webkit-box-shadow:4px 4px  
4px 4px #6A7656; box-shadow:4px 4px 4px  
4px #6A7656 }
```

Background

The CSS property to change the background color of an element to Hex 6A7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7656 }
```

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

```
.background{ background-color:#6A7656 }
```

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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