

Converting Colors

Hex(6D7656)

Have a look what the booklet for
Hex(6D7656) contains.

Hex(6D7656)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D7656)

Conversions

Conversions Part 1

Format	Color
Hex	6D7656
RGB	109, 118, 86
RGB Percent	43%, 46%, 34%
CMY	0.5725, 0.5373, 0.6627
CMYK	0.08, 0.00, 0.27, 0.54
HSL	77°, 16%, 40%
HSV	77°, 27%, 46%
XYZ	14.4648, 16.8800, 11.2999
YIQ	111.6610, 4.9080, -11.8600

Conversions

Conversions Part 2

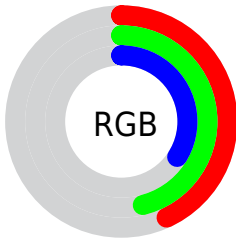
Format	Color
R _Y B	86, 118, 95
Decimal	7173718
CIE Lab	48.11, -9.38, 16.54
CIE LCh	48, 19.019, 119.552
Yxy	16.8800, 0.3392, 0.3958
Android (android.graphics.Color)	4285363798 (0xFF6D7656)
YUV	111.6610, -12.6509, -2.3337
Hunter-Lab	41.0852, -9.0549, 12.4528

Details

The Hex color **6D7656** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5F5676**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A1AA88**, and **3D4628** is the 20% darker color. If you saturate the color by 10%, you get **6A764A**, and if you desaturate by 10%, it is **707662**.

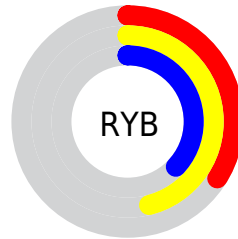
Distribution



Red (43%)

Green (46%)

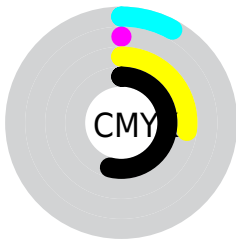
Blue (34%)



Red (34%)

Yellow (46%)

Blue (37%)

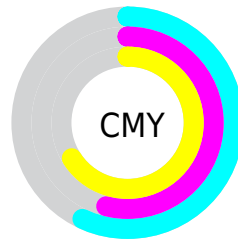


Cyan (8%)

Magenta (0%)

Yellow (27%)

Black (54%)



Cyan (57%)

Magenta (54%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7656 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 6D7656 by changing the saturation by 10% instead.

 6D7656

 6D7656

FFFFFF

 545D3F


 A1AA88

 3D4628

 BCC5A2

 272F14

 D8E1BD

 131B00

 F4FED9

 000000

 FFFFF6

 6D7656

 6D7656

 6A764A

 707662

 66763E

 74766E

■ 637633

■ 777679

■ 607627

■ 7A7685

■ 5C761B

■ 7E7691

■ 59760F

■ 81769D

■ 567603

■ 8476A9

■ 557600

■ 8876B4

■ 8B76C0

Harmonies

Analogous

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



7E7152



6D7656



5B7A61

Triad

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



6D7656



4A788D



916773

Complementary

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



6D7656



5F5676

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.



876983



6D7656



5E7492

Square

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



6D7656



437B81



746E8E



926863

Rectangle

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



6D7656



4F7B6C



746E8E



8F6778

Sweetspot

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



6D7656



96998D



765F56



4A4D45



CCCCCC



4D4D4D

Same Dimension

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



6D7656



8B9967



5D7656



393B35



587A00



B4FA00

Inverse Universe

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



5F5676



756799



6F5676



36353B



22007A



4600FA

Previews

White Background



This preview shows how the Hex color 6D7656 looks on a white background.

Color Contrast Check

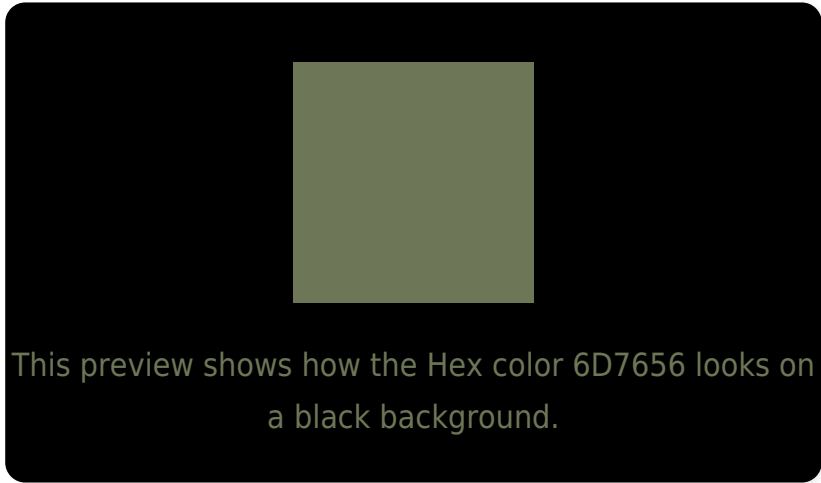
Large Text (above 18pt) WCAG AA ✓ Pass

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

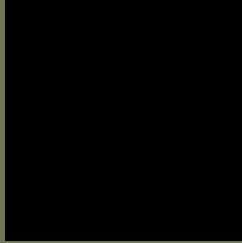
Any Text WCAG AA × Fail

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 6D7656 Background



This preview shows how black text looks on a background with the Hex color 6D7656.



This preview shows how white text looks on a background with the Hex color 6D7656.

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
6D7656

Protanopia
7A7254

Deuteranopia
866D58



Tritanopia
72717A

Trichromacy



Original Color
6D7656

Protanomaly
757355

Deuteranomaly
7D7057

Tritanomaly
70736D

Monochromacy



Original Color
6D7656

Achromatopsia
707070

Achromatomaly
6F7267

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7656 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 #6D7656 looks like.

```
.text, #text, p{  
    color:#6D7656  
}
```

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 #6D7656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7656
}
```

Border

The CSS property to change the border of an element to Hex 6D7656 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
#6D7656 }
```

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

```
.border{ border-color:#6D7656 }
```

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

Here you see how a box with a 4 pixel #6D7656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7656; -webkit-box-shadow:4px 4px  
4px 4px #6D7656; box-shadow:4px 4px 4px  
4px #6D7656 }
```

Background

The CSS property to change the background color of an element to Hex 6D7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7656 }
```

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

```
.background{ background-color:#6D7656 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor