

Converting Colors

Hex(6D7869)

Have a look what the booklet for
Hex(6D7869) contains.

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Color

Hex(6D7869)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6D7869 |
| RGB | 109, 120, 105 |
| RGB Percent | 43%, 47%, 41% |
| CMY | 0.5725, 0.5294, 0.5882 |
| CMYK | 0.09, 0.00, 0.13, 0.53 |
| HSL | 104°, 7%, 44% |
| HSV | 104°, 13%, 47% |
| XYZ | 15.5729, 17.7041, 15.9610 |
| YIQ | 115.0010, -1.7410, -6.9970 |

Conversions

Conversions Part 2

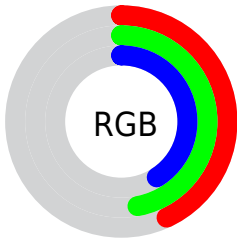
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 105, 120, 116 |
| Decimal | 7174249 |
| CIELab | 49.14, -7.16, 6.85 |
| CIELCh | 49, 9.905, 136.262 |
| Yxy | 17.7041, 0.3163, 0.3596 |
| Android (android.graphics.Color) | 4285364329 (0xFF6D7869) |
| YUV | 115.0010, -4.9305, -5.2629 |
| Hunter-Lab | 42.0762, -7.5682, 6.9625 |

Details

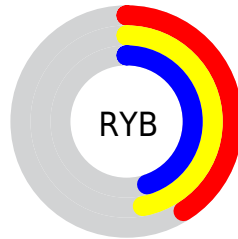
The Hex color **6D7869** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746978**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A1AC9C**, and **3D483A** is the 20% darker color. If you saturate the color by 10%, you get **64785D**, and if you desaturate by 10%, it is **767875**.

Distribution



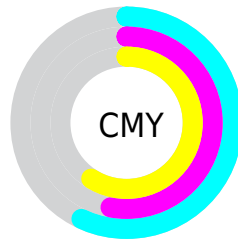
- Red (43%)
- Green (47%)
- Blue (41%)



- Red (41%)
- Yellow (47%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7869 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 6D7869 by changing the saturation by 10% instead.

 6D7869

 6D7869

FFFFFF

 555F51

 A1AC9C

 3D483A

 BCC8B7

 283124

 D7E4D3

 131C0F

 F4FFEF

 000000

 6D7869

 6D7869

 64785D

 767875

 5B7851

 7F7881

 537845

 87788D

■ 4A7839

■ 907899

■ 41782D

■ 9978A5

■ 387821

■ A278B1

■ 2F7815

■ AB78BD

■ 277809

■ B378C9

■ 207800

■ BC78D5

Harmonies

Analogous

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



777665



6D7869



657970

Triad

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



6D7869



677785



876F70

Complementary

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



6D7869



746978

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.



846F79



6D7869



727485

Square

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



6D7869



617981



7C7180



857069

Rectangle

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



6D7869



617A76



7C7180



866F73

Sweetspot

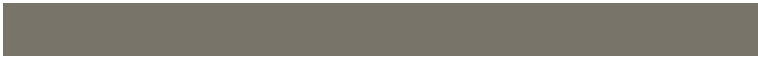
The Sweet Spot groups the original color and five complimentary colors.



6D7869



979C95



787469



4C4F4B



CFCFCF



4F4F4F

Same Dimension

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



6D7869



8A9C84



69786C



393D37



217D00



43FC00

Inverse Universe

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



746978



95849C



786974



3C373D



5C007D



B900FC

Previews

White Background



This preview shows how the Hex color 6D7869 looks on a white background.

Color Contrast Check

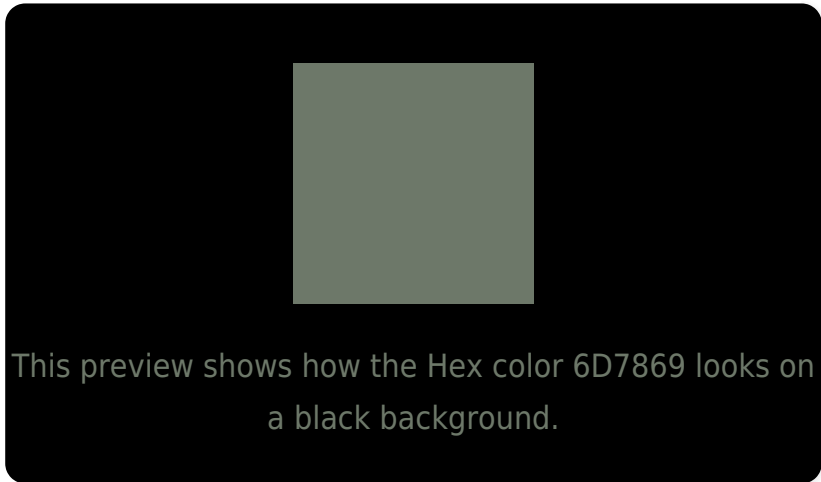
Large Text (above 18pt) WCAG AA ✓ Pass

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

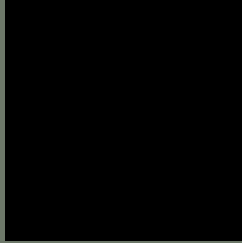
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

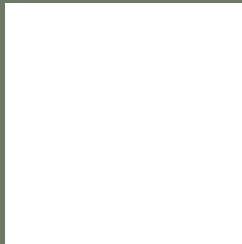
Any Text WCAG AAA × Fail

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

Hex 6D7869 Background



This preview shows how black text looks on a background with the Hex color 6D7869.

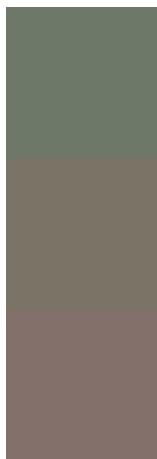


This preview shows how white text looks on a background with the Hex color 6D7869.

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
6D7869

Protanopia
7A7467

Deuteranopia
84706B



Tritanopia
70757E

Trichromacy



Original Color
6D7869

Protanomaly
757568

Deuteranomaly
7C736A

Tritanomaly
6F7676

Monochromacy



Original Color
6D7869

Achromatopsia
737373

Achromatomaly
71756F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7869 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 #6D7869 looks like.

```
.text, #text, p{  
    color:#6D7869  
}
```

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 #6D7869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7869
}
```

Border

The CSS property to change the border of an element to Hex 6D7869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

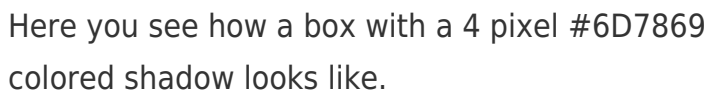
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D7869 }
```

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

```
.border{ border-color:#6D7869 }
```

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



Here you see how a box with a 4 pixel #6D7869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7869; -webkit-box-shadow:4px 4px  
4px 4px #6D7869; box-shadow:4px 4px 4px  
4px #6D7869 }
```

Background

The CSS property to change the background color of an element to Hex 6D7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7869 }
```

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

```
.background{ background-color:#6D7869 }
```

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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