

Converting Colors

Hex(4D7367)

Have a look what the booklet for
Hex(4D7367) contains.

Hex(4D7367)	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(4D7367)

Conversions

Conversions Part 1

Format	Color
Hex	4D7367
RGB	77, 115, 103
RGB Percent	30%, 45%, 40%
CMY	0.6980, 0.5490, 0.5961
CMYK	0.33, 0.00, 0.10, 0.55
HSL	161°, 20%, 38%
HSV	161°, 33%, 45%
XYZ	11.6395, 14.8185, 15.0788
YIQ	102.2700, -18.7960, -11.7880

Conversions

Conversions Part 2

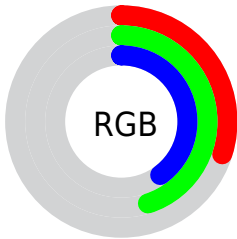
Format	Color
RYB	77, 100, 115
Decimal	5075815
CIELab	45.38, -16.29, 2.36
CIELCh	45, 16.464, 171.754
Yxy	14.8185, 0.2802, 0.3568
Android (android.graphics.Color)	4283265895 (0xFF4D7367)
YUV	102.2700, 0.3599, -22.1618
Hunter-Lab	38.4948, -13.3938, 3.7220

Details

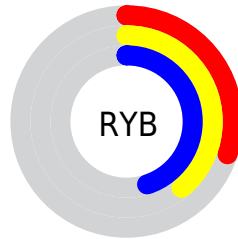
The Hex color **4D7367** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734D59**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7FA79A**, and **1E4338** is the 20% darker color. If you saturate the color by 10%, you get **427363**, and if you desaturate by 10%, it is **59736B**.

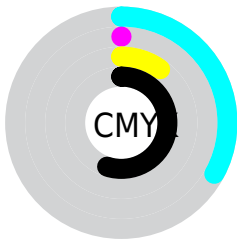
Distribution



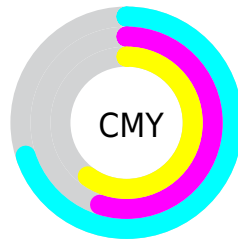
- Red (30%)
- Green (45%)
- Blue (40%)



- Red (30%)
- Yellow (39%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (70%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7367 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 4D7367 by changing the saturation by 10% instead.



4D7367



4D7367

FFFFFF



355A4F



7FA79A



1E4338



9AC2B5



052C23



B5DED0



00190D



D1FBED



000000



EDFFFF



4D7367



4D7367



427363



59736B



367360



64736E

■ 2B735C

■ 707372

■ 1F7358

■ 7B7376

■ 147355

■ 877379

■ 087351

■ 92737D

■ 00734F

■ 9D7380

■ A97384

■ B57388

Harmonies

Analogous

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



5B715A



4D7367



457375

Triad

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



4D7367



696985



846556

Complementary

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



4D7367



734D59

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.



886262



4D7367



79657D

Square

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



4D7367



566E86



846270



796950

Rectangle

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



4D7367



45727D



846270



86645A

Sweetspot

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



4D7367



879692



59734D



434D4A



CCCCCC



4D4D4D

Same Dimension

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



4D7367



5A9683



4D6C73



353B39



007A54



00FAAB

Inverse Universe

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



734D59



965A6D



73544D



3B3537



7A0027



FA004F

Previews

White Background



This preview shows how the Hex color 4D7367 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

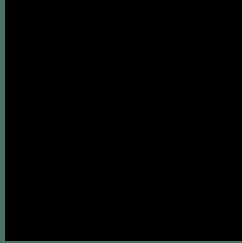
Any Text WCAG AA × Fail

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 4D7367 Background



This preview shows how black text looks on a background with the Hex color 4D7367.



This preview shows how white text looks on a background with the Hex color 4D7367.

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
4D7367

Protanopia
6F6B62

Deuteranopia
766869

Trichromacy



Original Color
4D7367

Protanomaly
636E64

Deuteranomaly
676C68

Tritanomaly
507172

Monochromacy



Original Color
4D7367

Achromatopsia
666666

Achromatomaly
5D6B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7367 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 #4D7367 looks like.

```
.text, #text, p{  
    color:#4D7367  
}
```

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 #4D7367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7367
}
```

Border

The CSS property to change the border of an element to Hex 4D7367 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
#4D7367 }
```

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

```
.border{ border-color:#4D7367 }
```

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

Here you see how a box with a 4 pixel #4D7367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7367; -webkit-box-shadow:4px 4px  
4px 4px #4D7367; box-shadow:4px 4px 4px  
4px #4D7367 }
```

Background

The CSS property to change the background color of an element to Hex 4D7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7367 }
```

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

```
.background{ background-color:#4D7367 }
```

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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