

Converting Colors

Hex(4C7963)

Have a look what the booklet for
Hex(4C7963) contains.

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Color

Hex(4C7963)

Conversions

Conversions Part 1

Format	Color
Hex	4C7963
RGB	76, 121, 99
RGB Percent	30%, 47%, 39%
CMY	0.7020, 0.5255, 0.6118
CMYK	0.37, 0.00, 0.18, 0.53
HSL	151°, 23%, 39%
HSV	151°, 37%, 47%
XYZ	12.0700, 16.1121, 14.2782
YIQ	105.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

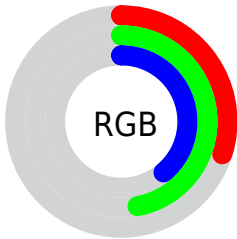
Format	Color
RYB	76, 106, 121
Decimal	5011811
CIELab	47.12, -20.75, 7.22
CIElCh	47, 21.975, 160.818
Yxy	16.1121, 0.2843, 0.3795
Android (android.graphics.Color)	4283201891 (0xFF4C7963)
YUV	105.0370, -2.9762, -25.4654
Hunter-Lab	40.1399, -16.5701, 7.0078

Details

The Hex color **4C7963** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **794C62**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7FAE96**, and **1C4834** is the 20% darker color. If you saturate the color by 10%, you get **40795D**, and if you desaturate by 10%, it is **587969**.

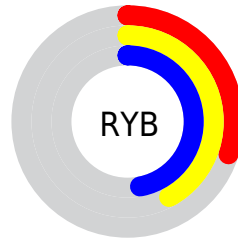
Distribution



Red (30%)

Green (47%)

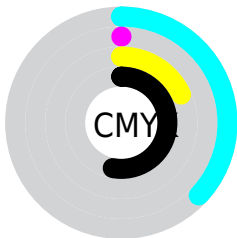
Blue (39%)



Red (30%)

Yellow (42%)

Blue (47%)

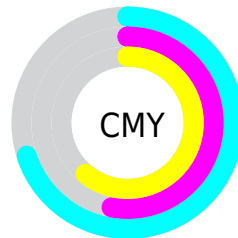


Cyan (37%)

Magenta (0%)

Yellow (18%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7963 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 4C7963 by changing the saturation by 10% instead.



4C7963



4C7963

FFFFFF



34604B



7FAE96



1C4834



99C9B0



02311F



B4E5CC



001D07



D0FFE8



000000



EDFFFF



4C7963



4C7963



40795D



587969



347957



64796F

■ 287951

■ 707975

■ 1C794B

■ 7C797B

■ 107945

■ 897981

■ 037940

■ 957986

■ 00793E

■ A1798C

■ AD7992

■ B97998

Harmonies

Analogous

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



627653



4C7963



3A7A76

Triad

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



4C7963



626F94



926558

Complementary

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



4C7963



794C62

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.



95626A



4C7963



7B698C

Square

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



4C7963



477592



8D637C



876B4D

Rectangle

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



4C7963



347982



8D637C



94635E

Sweetspot

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



4C7963



8D9E96



62794C



454F4A



CFCFCF



4F4F4F

Same Dimension

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



4C7963



579E7B



4C7979



373D3A



007D40



00FC81

Inverse Universe

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



794C62



9E577A



794C4C



3D373A



7D003D



FC007B

Previews

White Background



This preview shows how the Hex color 4C7963 looks on a white background.

Color Contrast Check

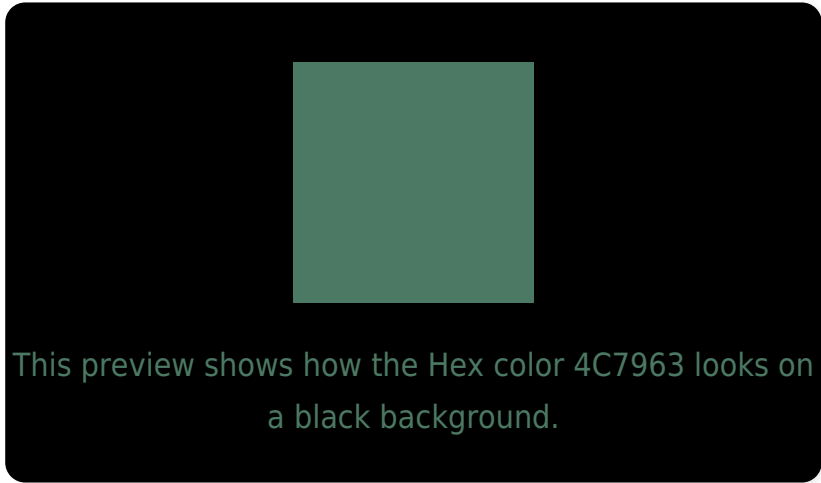
Large Text (above 18pt) WCAG AA ✓ Pass

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

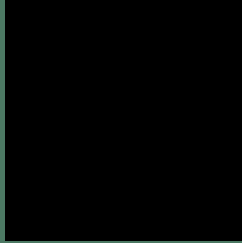
Any Text WCAG AA × Fail

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 4C7963 Background



This preview shows how black text looks on a background with the Hex color 4C7963.



This preview shows how white text looks on a background with the Hex color 4C7963.

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
4C7963

Protanopia
756F5E

Deuteranopia
7D6B66



Tritanopia
52757F

Trichromacy



Original Color
4C7963

Protanomaly
667360

Deuteranomaly
6B7065

Tritanomaly
507675

Monochromacy



Original Color
4C7963

Achromatopsia
696969

Achromatomaly
5E6F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7963 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 #4C7963 looks like.

```
.text, #text, p{  
    color:#4C7963  
}
```

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 #4C7963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7963
}
```

Border

The CSS property to change the border of an element to Hex 4C7963 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
#4C7963 }
```

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

```
.border{ border-color:#4C7963 }
```

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

Here you see how a box with a 4 pixel #4C7963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7963; -webkit-box-shadow:4px 4px  
4px 4px #4C7963; box-shadow:4px 4px 4px  
4px #4C7963 }
```

Background

The CSS property to change the background color of an element to Hex 4C7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7963 }
```

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

```
.background{ background-color:#4C7963 }
```

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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