

Converting Colors

Hex(4D7F60)

Have a look what the booklet for
Hex(4D7F60) contains.

Hex(4D7F60)	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(4D7F60)

Conversions

Conversions Part 1

Format	Color
Hex	4D7F60
RGB	77, 127, 96
RGB Percent	30%, 50%, 38%
CMY	0.6980, 0.5020, 0.6235
CMYK	0.39, 0.00, 0.24, 0.50
HSL	143°, 25%, 40%
HSV	143°, 39%, 50%
XYZ	12.7613, 17.6011, 13.7911
YIQ	108.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

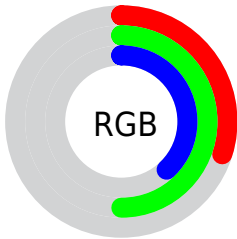
Format	Color
RYB	77, 113, 127
Decimal	5078880
CIELab	49.01, -24.18, 11.64
CIElCh	49, 26.838, 154.289
Yxy	17.6011, 0.2890, 0.3986
Android (android.graphics.Color)	4283268960 (0xFF4D7F60)
YUV	108.5160, -6.1704, -27.6395
Hunter-Lab	41.9536, -19.1235, 9.8776

Details

The Hex color **4D7F60** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F4D6C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **80B493**, and **1C4D32** is the 20% darker color. If you saturate the color by 10%, you get **407F58**, and if you desaturate by 10%, it is **5A7F68**.

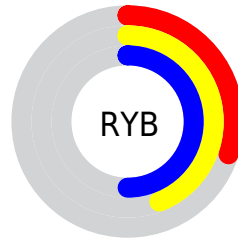
Distribution



Red (30%)

Green (50%)

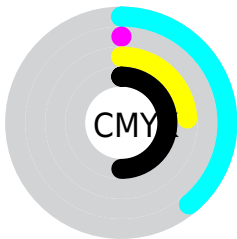
Blue (38%)



Red (30%)

Yellow (44%)

Blue (50%)

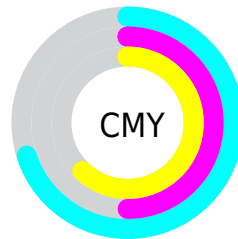


Cyan (39%)

Magenta (0%)

Yellow (24%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7F60 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 4D7F60 by changing the saturation by 10% instead.

 4D7F60

 4D7F60

FFFFFF

 346648

 80B493

 1C4D32

 9BD0AD

 00361C

 B6ECC9

 002103

 D2FFE5

 000000

 EFFFFFF

 4D7F60

 4D7F60

 407F58

 5A7F68

 347F50

 667F70

 277F48


 737F78

 1A7F41

 807F7F

 0E7F39

 8D7F87

 017F31

 997F8F

 007F30

 A67F97

 B37F9F

 BF7FA7

Harmonies

Analogous

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



687B4E



4D7F60



308177

Triad

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



4D7F60



5A76A1



9F665C

Complementary

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



4D7F60



7F4D6C

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.



A06372



4D7F60



7C6D9A

Square

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



4D7F60



357C9D



946689



946C4C

Rectangle

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



4D7F60



218086



946689



A16463

Sweetspot

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



4D7F60



92A699



6D7F4D



48544D



D4D4D4



545454

Same Dimension

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



4D7F60



58A675



4D7F78



39403C



008030



000000

Inverse Universe

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



7F4D6C



A65888



7F4D54



40393D



80004F



000000

Previews

White Background



This preview shows how the Hex color 4D7F60 looks on a white background.

Color Contrast Check

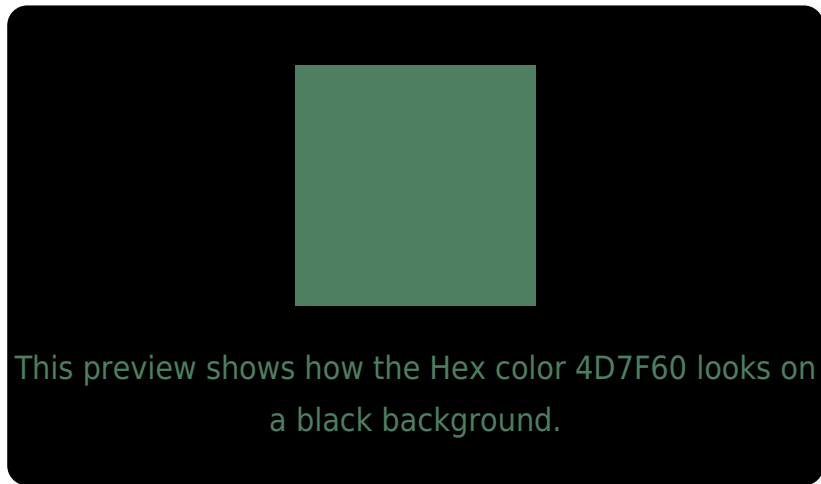
Large Text (above 18pt) WCAG AA ✓ Pass

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

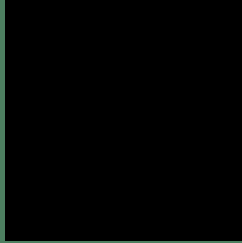
Any Text WCAG AA ✓ Pass

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 4D7F60 Background



This preview shows how black text looks on a background with the Hex color 4D7F60.

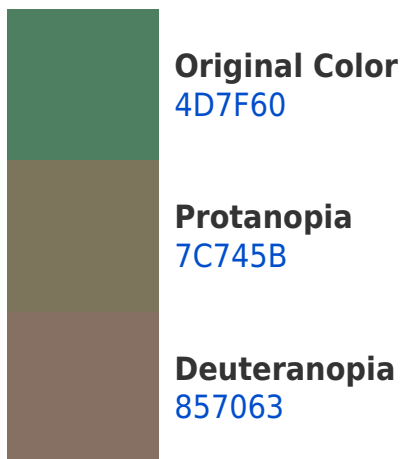



This preview shows how white text looks on a background with the Hex color 4D7F60.

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





Tritanopia
557A84

Trichromacy



Original Color
4D7F60

Protanomaly
6B785D

Deuteranomaly
717562

Tritanomaly
527C77

Monochromacy



Original Color
4D7F60

Achromatopsia
6D6D6D

Achromatomaly
617468

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7F60 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 #4D7F60 looks like.

```
.text, #text, p{  
    color:#4D7F60  
}
```

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 #4D7F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7F60
}
```

Border

The CSS property to change the border of an element to Hex 4D7F60 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
#4D7F60 }
```

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

```
.border{ border-color:#4D7F60 }
```

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

Here you see how a box with a 4 pixel #4D7F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7F60; -webkit-box-shadow:4px 4px  
4px 4px #4D7F60; box-shadow:4px 4px 4px  
4px #4D7F60 }
```

Background

The CSS property to change the background color of an element to Hex 4D7F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7F60 }
```

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

```
.background{ background-color:#4D7F60 }
```

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