

Converting Colors

Hex(4D7723)

Have a look what the booklet for
Hex(4D7723) contains.

Hex(4D7723)	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(4D7723)

Conversions

Conversions Part 1

Format	Color
Hex	4D7723
RGB	77, 119, 35
RGB Percent	30%, 47%, 14%
CMY	0.6980, 0.5333, 0.8627
CMYK	0.35, 0.00, 0.71, 0.53
HSL	90°, 55%, 30%
HSV	90°, 71%, 47%
XYZ	9.9608, 14.8928, 3.9397
YIQ	96.8660, 1.9320, -35.0280

Conversions

Conversions Part 2

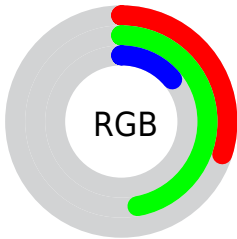
Format	Color
RYB	35, 119, 77
Decimal	5076771
CIELab	45.49, -29.30, 39.86
CIELCh	45, 49.470, 126.314
Yxy	14.8928, 0.3459, 0.5172
Android (android.graphics.Color)	4283266851 (0xFF4D7723)
YUV	96.8660, -30.4999, -17.4225
Hunter-Lab	38.5912, -21.4619, 20.9610

Details

The Hex color **4D7723** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4D2377**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **81AC55**, and **1A4600** is the 20% darker color. If you saturate the color by 10%, you get **477717**, and if you desaturate by 10%, it is **53772F**.

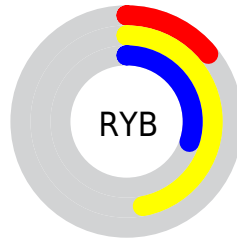
Distribution



Red (30%)

Green (47%)

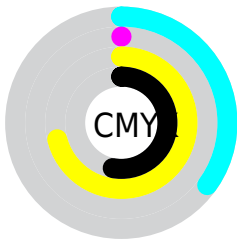
Blue (14%)



Red (14%)

Yellow (47%)

Blue (30%)

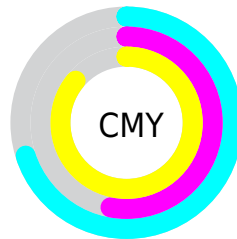


Cyan (35%)

Magenta (0%)

Yellow (71%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7723 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 4D7723 by changing the saturation by 10% instead.



4D7723



4D7723

FFFFFF



345E07



81AC55



1A4600



9CC76E



002F00



B8E388



001C00



D4FFA3



000000



F1FFBF



FFFFDB



FFFFF8



4D7723



4D7723

■ 477717

■ 53772F

■ 41770B

■ 59773B

■ 3B7700

■ 5F7747

■ 657753

■ 6B775F

■ 71776A

■ 777776

■ 7D7782

■ 83778E

Harmonies

Analogous

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



796D0B



4D7723



007D49

Triad

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



4D7723



0079B7



B64365

Complementary

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



4D7723



4D2377

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.



A44B8E



4D7723



106EBE

Square

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



4D7723



007E9C



785DAF



B14C3D

Rectangle

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



4D7723



007F65



785DAF



B34473

Sweetspot

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



4D7723



8B9C7B



774D23



454F3B



CFCFCF



4F4F4F

Same Dimension

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



4D7723



599C17



237723



383B35



3D7A00



7DFA00

Inverse Universe

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



4D2377



59179C



772377



38353B



3D007A



7D00FA

Previews

White Background



This preview shows how the Hex color 4D7723 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

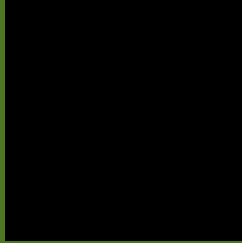
Any Text WCAG AA × Fail

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 4D7723 Background



This preview shows how black text looks on a background with the Hex color 4D7723.



This preview shows how white text looks on a background with the Hex color 4D7723.

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
4D7723

Protanopia
786C20

Deuteranopia
866629



Tritanopia
596F78

Trichromacy



Original Color
4D7723

Protanomaly
687021

Deuteranomaly
716C27

Tritanomaly
557259

Monochromacy



Original Color
4D7723

Achromatopsia
616161

Achromatomaly
5A694A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7723 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 #4D7723 looks like.

```
.text, #text, p{  
    color:#4D7723  
}
```

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 #4D7723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7723
}
```

Border

The CSS property to change the border of an element to Hex 4D7723 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
#4D7723 }
```

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

```
.border{ border-color:#4D7723 }
```

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

Here you see how a box with a 4 pixel #4D7723 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7723; -webkit-box-shadow:4px 4px  
4px 4px #4D7723; box-shadow:4px 4px 4px  
4px #4D7723 }
```

Background

The CSS property to change the background color of an element to Hex 4D7723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7723 }
```

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

```
.background{ background-color:#4D7723 }
```

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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