

Converting Colors

Hex(2D774C)

Have a look what the booklet for
Hex(2D774C) contains.

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Color

Hex(2D774C)

Conversions

Conversions Part 1

Format	Color
Hex	2D774C
RGB	45, 119, 76
RGB Percent	18%, 47%, 30%
CMY	0.8235, 0.5333, 0.7020
CMYK	0.62, 0.00, 0.36, 0.53
HSL	145°, 45%, 32%
HSV	145°, 62%, 47%
XYZ	8.9835, 14.2733, 9.1190
YIQ	91.9720, -30.3010, -29.0610

Conversions

Conversions Part 2

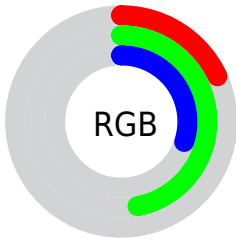
Format	Color
RYB	45, 97, 119
Decimal	2979660
CIELab	44.62, -33.55, 17.02
CIElCh	45, 37.616, 153.101
Yxy	14.2733, 0.2775, 0.4409
Android (android.graphics.Color)	4281169740 (0xFF2D774C)
YUV	91.9720, -7.8742, -41.1944
Hunter-Lab	37.7801, -23.6706, 12.1351

Details

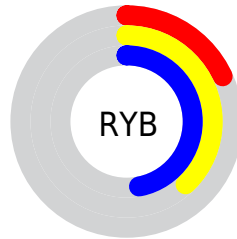
The Hex color **2D774C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **772D58**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **62AC7D**, and **00461F** is the 20% darker color. If you saturate the color by 10%, you get **217745**, and if you desaturate by 10%, it is **397753**.

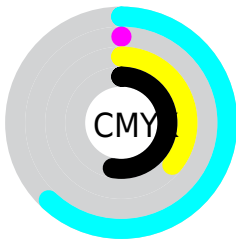
Distribution



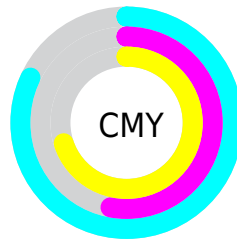
- Red (18%)
- Green (47%)
- Blue (30%)



- Red (18%)
- Yellow (38%)
- Blue (47%)



- Cyan (62%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D774C 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 2D774C by changing the saturation by 10% instead.

 2D774C

 2D774C

FFFFFF

 0C5E35

 62AC7D

 00461F

 7DC797

 002E09

 98E4B2

 001900

 B4FFCE


 000000

 D1FFEA

 EDFFFF

 2D774C

 2D774C

 217745

 397753

■ 15773E

■ 45775A

■ 097737

■ 517761

■ 007732

■ 5D7768

■ 69776F

■ 747775

■ 80777C

■ 8C7783

■ 98778A

Harmonies

Analogous

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



587233



2D774C



00796C

Triad

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



2D774C



356CA8



A25349

Complementary

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



2D774C



772D58

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.



A34E68



2D774C



70609E

Square

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



2D774C



0074A1



935486



925E32

Rectangle

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



2D774C



007981



935486



A45053

Sweetspot

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



2D774C



7E9C8A



58772D



3D4F44



CFCFCF



4F4F4F

Same Dimension

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



2D774C



279C58



2D7771



353B37



007A33



00FA69

Inverse Universe

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



772D58



9C276B



772D33



3B3538



7A0047



FA0091

Previews

White Background



This preview shows how the Hex color 2D774C looks on a white background.

Color Contrast Check

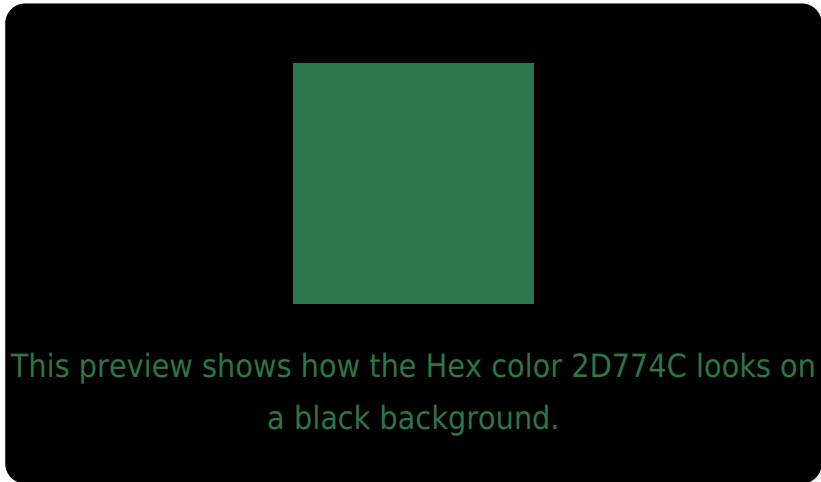
Large Text (above 18pt) WCAG AA ✓ Pass

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

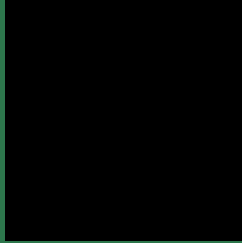
Any Text WCAG AA × Fail

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 2D774C Background



This preview shows how black text looks on a background with the Hex color 2D774C.



This preview shows how white text looks on a background with the Hex color 2D774C.

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
2D774C

Protanopia
726946

Deuteranopia
7B6550



Tritanopia
3C717A

Trichromacy



Original Color
2D774C

Protanomaly
596E48

Deuteranomaly
5F6C4F

Tritanomaly
377369

Monochromacy



Original Color
2D774C

Achromatopsia
5C5C5C

Achromatomaly
4B6656

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D774C 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 #2D774C looks like.

```
.text, #text, p{  
    color:#2D774C  
}
```

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 #2D774C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D774C
}
```

Border

The CSS property to change the border of an element to Hex 2D774C 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
#2D774C }
```

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

```
.border{ border-color:#2D774C }
```

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

Here you see how a box with a 4 pixel #2D774C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D774C; -webkit-box-shadow:4px 4px  
4px 4px #2D774C; box-shadow:4px 4px 4px  
4px #2D774C }
```

Background

The CSS property to change the background color of an element to Hex 2D774C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D774C }
```

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

```
.background{ background-color:#2D774C }
```

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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