

Converting Colors

Hex(2A724C)

Have a look what the booklet for
Hex(2A724C) contains.

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Color

Hex(2A724C)

Conversions

Conversions Part 1

Format	Color
Hex	2A724C
RGB	42, 114, 76
RGB Percent	16%, 45%, 30%
CMY	0.8353, 0.5529, 0.7020
CMYK	0.63, 0.00, 0.33, 0.55
HSL	148°, 46%, 31%
HSV	148°, 63%, 45%
XYZ	8.2767, 13.0487, 8.9199
YIQ	88.1400, -30.7140, -27.0820

Conversions

Conversions Part 2

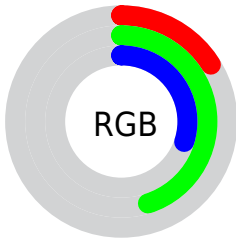
Format	Color
R_{YB}	42, 91, 114
Decimal	2781772
CIE _{Lab}	42.84, -31.99, 14.58
CIE _{LCh}	43, 35.152, 155.495
Yxy	13.0487, 0.2737, 0.4314
Android (android.graphics.Color)	4280971852 (0xFF2A724C)
YUV	88.1400, -5.9850, -40.4648
Hunter-Lab	36.1229, -22.3164, 10.6455

Details

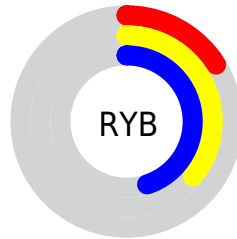
The Hex color **2A724C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **722A50**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5FA77D**, and **00411F** is the 20% darker color. If you saturate the color by 10%, you get **1F7246**, and if you desaturate by 10%, it is **357252**.

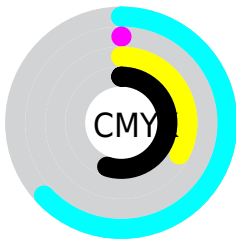
Distribution



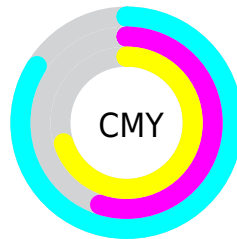
- Red (16%)
- Green (45%)
- Blue (30%)



- Red (16%)
- Yellow (36%)
- Blue (45%)



- Cyan (63%)
- Magenta (0%)
- Yellow (33%)
- Black (55%)



- Cyan (84%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A724C 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 2A724C by changing the saturation by 10% instead.

 2A724C

 2A724C

FFFFFF

 085935

 5FA77D

 00411F

 7AC297

 002A09

 95DEB2

 001200

 B0FBCD

 000000

 CDFFEA

 EAFFFF

 2A724C

 2A724C

 1F7246

 357252

■ 137240

■ 417258

■ 08723A

■ 4C725E

■ 007236

■ 587264

■ 63726A

■ 6E7270

■ 7A7276

■ 85727C

■ 917282

Harmonies

Analogous

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



536D34



2A724C



00746A

Triad

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



2A724C



3C669F



995145

Complementary

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



2A724C



722A50

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.



9B4C61



2A724C



6E5B95

Square

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



2A724C



006F9A



8D517E



895B30

Rectangle

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



2A724C



00747D



8D517E



9B4F4E

Sweetspot

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



2A724C



789485



50722A



394A41



C9C9C9



4A4A4A

Same Dimension

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



2A724C



239459



2A7270



323835



007839



00F775

Inverse Universe

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



722A50



94235F



722A2C



383235



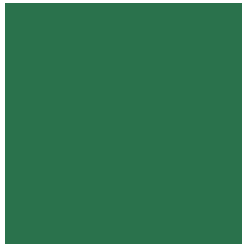
78003F



F70083

Previews

White Background



This preview shows how the Hex color 2A724C looks on a white background.

Color Contrast Check

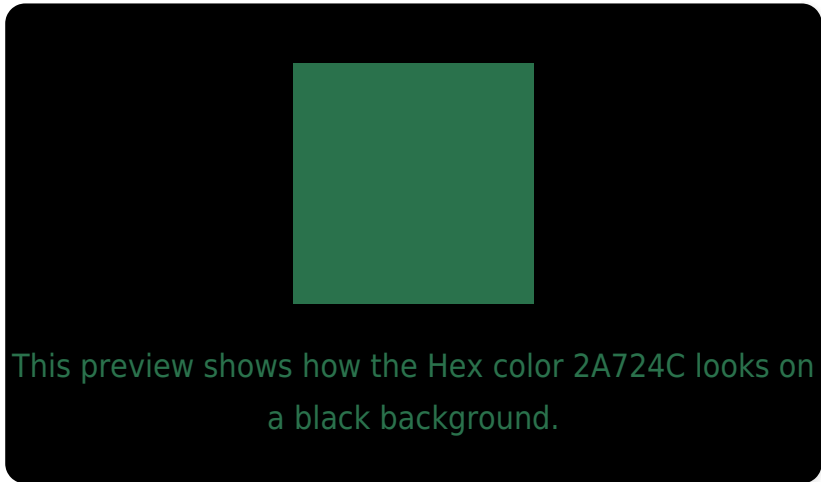
Large Text (above 18pt) WCAG AA ✓ Pass

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

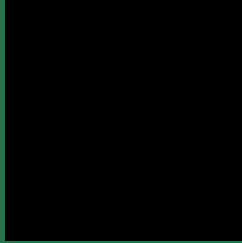
Any Text WCAG AA × Fail

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 2A724C Background



This preview shows how black text looks on a background with the Hex color 2A724C.



This preview shows how white text looks on a background with the Hex color 2A724C.

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
2A724C

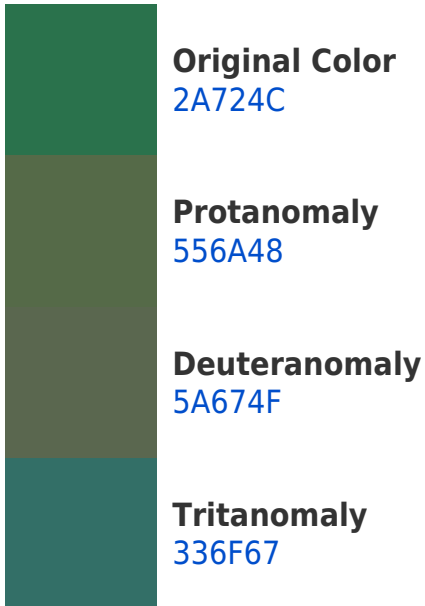
Protanopia
6D6546

Deuteranopia
756150



Tritanopia
386D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A724C 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 #2A724C looks like.

```
.text, #text, p{  
    color:#2A724C  
}
```

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 #2A724C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A724C
}
```

Border

The CSS property to change the border of an element to Hex 2A724C 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
#2A724C }
```

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

```
.border{ border-color:#2A724C }
```

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

Here you see how a box with a 4 pixel #2A724C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A724C; -webkit-box-shadow:4px 4px  
4px 4px #2A724C; box-shadow:4px 4px 4px  
4px #2A724C }
```

Background

The CSS property to change the background color of an element to Hex 2A724C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A724C }
```

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

```
.background{ background-color:#2A724C }
```

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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