

Converting Colors

Hex(2A7824)

Have a look what the booklet for
Hex(2A7824) contains.

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Color

Hex(2A7824)

Conversions

Conversions Part 1

Format	Color
Hex	2A7824
RGB	42, 120, 36
RGB Percent	16%, 47%, 14%
CMY	0.8353, 0.5294, 0.8588
CMYK	0.65, 0.00, 0.70, 0.53
HSL	116°, 54%, 31%
HSV	116°, 70%, 47%
XYZ	7.9898, 14.0526, 3.9604
YIQ	87.1020, -19.5240, -42.6600

Conversions

Conversions Part 2

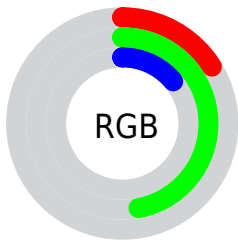
Format	Color
R_{YB}	36, 120, 114
Decimal	2783268
CIE _{Lab}	44.31, -40.92, 37.71
CIE _{LCh}	44, 55.649, 137.335
Yxy	14.0526, 0.3073, 0.5404
Android (android.graphics.Color)	4280973348 (0xFF2A7824)
YUV	87.1020, -25.1933, -39.5545
Hunter-Lab	37.4867, -27.5571, 19.9769

Details

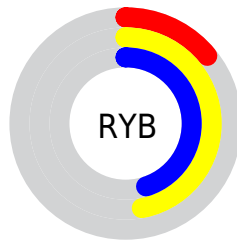
The Hex color **2A7824** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **722478**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **62AD55**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **1F7818**, and if you desaturate by 10%, it is **357830**.

Distribution



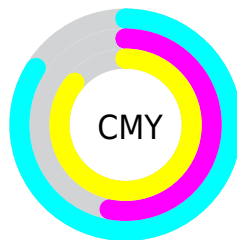
- Red (16%)
- Green (47%)
- Blue (14%)



- Red (14%)
- Yellow (47%)
- Blue (45%)



- Cyan (65%)
- Magenta (0%)
- Yellow (70%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7824 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 2A7824 by changing the saturation by 10% instead.



2A7824



2A7824

FFFFFF



035F09



62AD55



004600



7DC96F



002F00



98E589



001800



B5FFA4



000000



D1FFBF



EEFFDB



FFFFFF8



2A7824



2A7824

■ 1F7818

■ 357830

■ 14780C

■ 40783C

■ 097800

■ 4B7848

■ 577854

■ 627860

■ 6D786C

■ 787878

■ 837884

■ 8E7890

Harmonies

Analogous

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



656F00



2A7824



007D53

Triad

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



2A7824



0074C3



BB3950

Complementary

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



2A7824



722478

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.



B13B7E



2A7824



3A65C2

Square

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



2A7824



007CAC



8C4FA8



AD4B25

Rectangle

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



2A7824



007E73



8C4FA8



BA375F

Sweetspot

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



2A7824



7D9C7B



787124



3D4F3B



CFCFCF



4F4F4F

Same Dimension

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



2A7824



229C19



247847



383D37



097D00



12FC00

Inverse Universe

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



722478



92199C



782455



3D373D



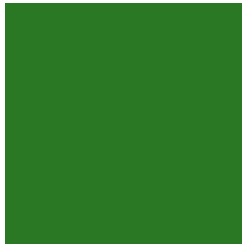
74007D



EA00FC

Previews

White Background



This preview shows how the Hex color 2A7824 looks on a white background.

Color Contrast Check

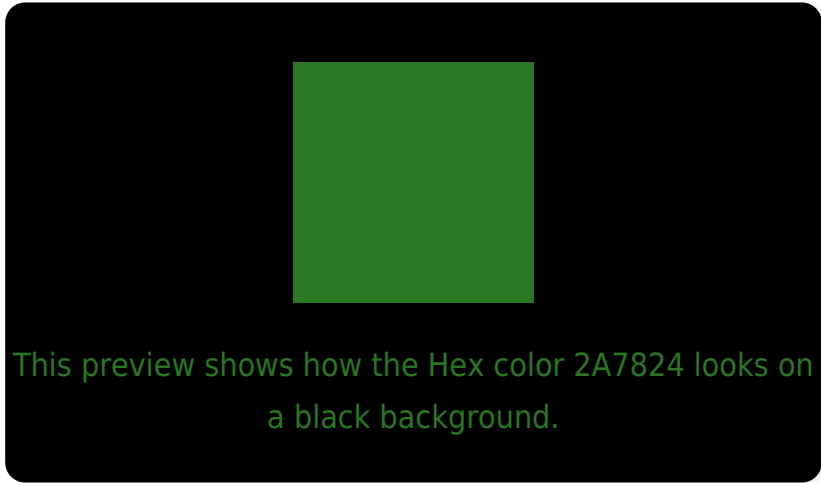
Large Text (above 18pt) WCAG AA ✓ Pass

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

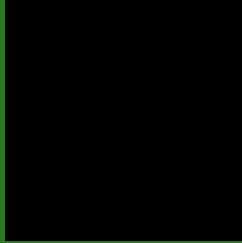
Any Text WCAG AA × Fail

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 2A7824 Background



This preview shows how black text looks on a background with the Hex color 2A7824.



This preview shows how white text looks on a background with the Hex color 2A7824.

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
2A7824

Protanopia
756820

Deuteranopia
81632B



Tritanopia
3F7079

Trichromacy



Original Color
2A7824

Protanomaly
5A6E21

Deuteranomaly
616B28

Tritanomaly
37735A

Monochromacy



Original Color
2A7824

Achromatopsia
575757

Achromatomaly
476344

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7824 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 #2A7824 looks like.

```
.text, #text, p{  
    color:#2A7824  
}
```

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 #2A7824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7824
}
```

Border

The CSS property to change the border of an element to Hex 2A7824 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
#2A7824 }
```

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

```
.border{ border-color:#2A7824 }
```

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

Here you see how a box with a 4 pixel #2A7824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7824; -webkit-box-shadow:4px 4px  
4px 4px #2A7824; box-shadow:4px 4px 4px  
4px #2A7824 }
```

Background

The CSS property to change the background color of an element to Hex 2A7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7824 }
```

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

```
.background{ background-color:#2A7824 }
```

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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