

Converting Colors

Hex(2A3D2A)

Have a look what the booklet for
Hex(2A3D2A) contains.

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Color

Hex(2A3D2A)

Conversions

Conversions Part 1

Format	Color
Hex	2A3D2A
RGB	42, 61, 42
RGB Percent	16%, 24%, 16%
CMY	0.8353, 0.7608, 0.8353
CMYK	0.31, 0.00, 0.31, 0.76
HSL	120°, 18%, 20%
HSV	120°, 31%, 24%
XYZ	3.0415, 3.9969, 2.8017
YIQ	53.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

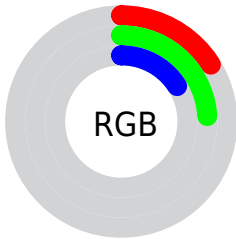
Format	Color
R_{YB}	42, 61, 61
Decimal	2768170
CIE Lab	23.66, -12.21, 9.34
CIE LCh	24, 15.373, 142.603
Yxy	3.9969, 0.3091, 0.4062
Android (android.graphics.Color)	4280958250 (0xFF2A3D2A)
YUV	53.1530, -5.4984, -9.7812
Hunter-Lab	19.9922, -7.8304, 5.6858

Details

The Hex color **2A3D2A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D2A3D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **586D57**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **243D24**, and if you desaturate by 10%, it is **303D30**.

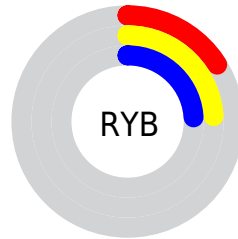
Distribution



Red (16%)

Green (24%)

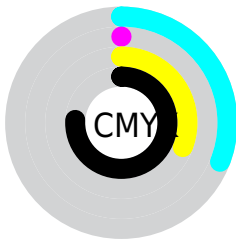
Blue (16%)



Red (16%)

Yellow (24%)

Blue (24%)

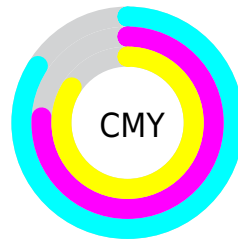


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3D2A 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 2A3D2A by changing the saturation by 10% instead.



2A3D2A



2A3D2A

FFFFFF



152715



586D57



001400



718670



000000



8AA089



A5BBA4



C0D7BF



DCF3DA



F8FFF7



2A3D2A



2A3D2A

■ 243D24

■ 303D30

■ 1E3D1E

■ 363D36

■ 183D18

■ 3C3D3C

■ 123D12

■ 423D42

■ 0C3D0C

■ 493D49

■ 053D05

■ 4F3D4F

■ 003D00

■ 553D55

■ 5B3D5B

■ 613D61

Harmonies

Analogous

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



373A23



2A3D2A



1C3E35

Triad

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



2A3D2A



243A4F



4F3030

Complementary

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



2A3D2A



3D2A3D

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.



4D303C



2A3D2A



36364D

Square

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



2A3D2A



143D4A



443246



4B3326

Rectangle

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



2A3D2A



143F3D



443246



4F3034

Sweetspot

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



2A3D2A



484F48



3D3D2A



242924



A8A8A8



292929

Same Dimension

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



2A3D2A



324F32



2A3D34



1C1F1C



005E00



00DE00

Inverse Universe

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



3D2A3D



4F324F



3D2A34



1F1C1F



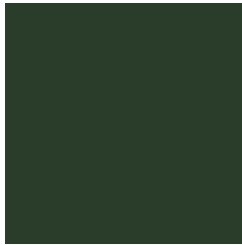
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 2A3D2A looks on a white background.

Color Contrast Check

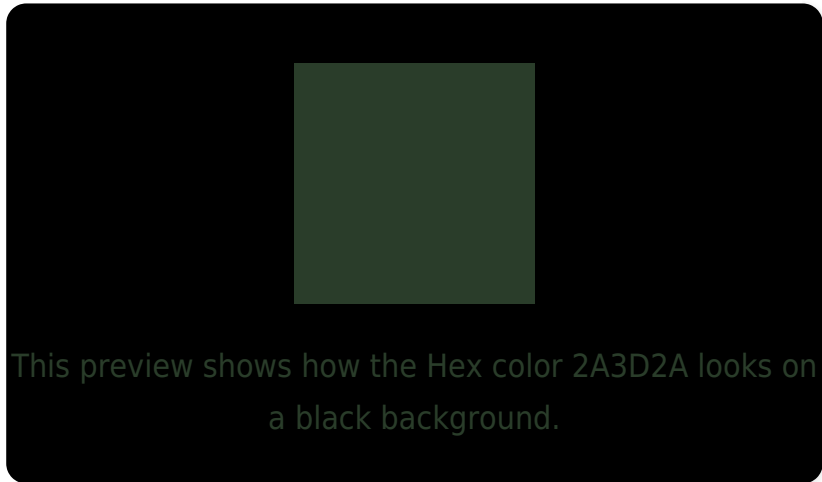
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 2A3D2A Background



This preview shows how black text looks on a background with the Hex color 2A3D2A.



This preview shows how white text looks on a background with the Hex color 2A3D2A.

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
2A3D2A

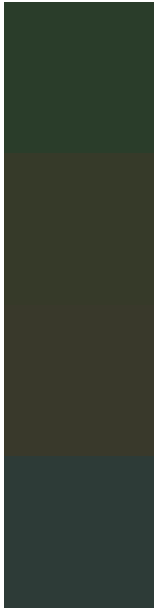
Protanopia
3D3828

Deuteranopia
42362C



Tritanopia
2E3A3F

Trichromacy



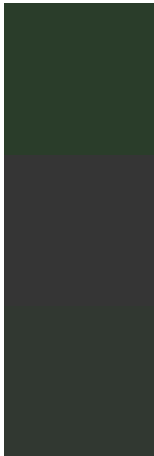
Original Color
2A3D2A

Protanomaly
363A29

Deuteranomaly
39392B

Tritanomaly
2D3B37

Monochromacy



Original Color
2A3D2A

Achromatopsia
353535

Achromatomaly
313831

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3D2A 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 #2A3D2A looks like.

```
.text, #text, p{  
    color:#2A3D2A  
}
```

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 #2A3D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3D2A
}
```

Border

The CSS property to change the border of an element to Hex 2A3D2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

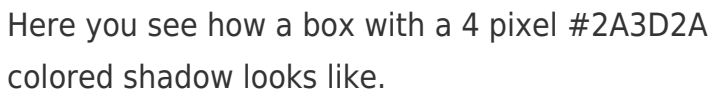
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3D2A }
```

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

```
.border{ border-color:#2A3D2A }
```

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



Here you see how a box with a 4 pixel #2A3D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3D2A; -webkit-box-shadow:4px 4px  
4px 4px #2A3D2A; box-shadow:4px 4px 4px  
4px #2A3D2A }
```

Background

The CSS property to change the background color of an element to Hex 2A3D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3D2A }
```

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

```
.background{ background-color:#2A3D2A }
```

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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