

Converting Colors

Hex(2A5B3D)

Have a look what the booklet for
Hex(2A5B3D) contains.

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Color

Hex(2A5B3D)

Conversions

Conversions Part 1

Format	Color
Hex	2A5B3D
RGB	42, 91, 61
RGB Percent	16%, 36%, 24%
CMY	0.8353, 0.6431, 0.7608
CMYK	0.54, 0.00, 0.33, 0.64
HSL	143°, 37%, 26%
HSV	143°, 54%, 36%
XYZ	5.5382, 8.3113, 5.7272
YIQ	72.9290, -19.5740, -19.7180

Conversions

Conversions Part 2

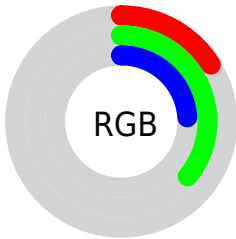
Format	Color
RYB	42, 77, 91
Decimal	2775869
CIELab	34.62, -24.36, 12.34
CIELCh	35, 27.310, 153.126
Yxy	8.3113, 0.2829, 0.4246
Android (android.graphics.Color)	4280965949 (0xFF2A5B3D)
YUV	72.9290, -5.8810, -27.1247
Hunter-Lab	28.8294, -16.1609, 8.4020

Details

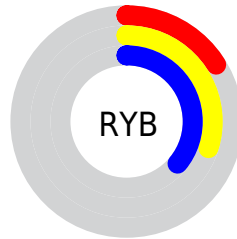
The Hex color **2A5B3D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B2A48**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5B8E6D**, and **002C13** is the 20% darker color. If you saturate the color by 10%, you get **215B37**, and if you desaturate by 10%, it is **335B43**.

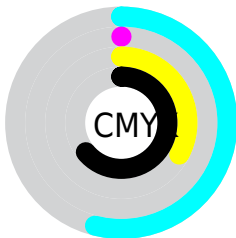
Distribution



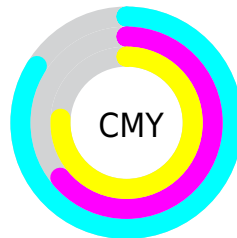
- Red (16%)
- Green (36%)
- Blue (24%)



- Red (16%)
- Yellow (30%)
- Blue (36%)



- Cyan (54%)
- Magenta (0%)
- Yellow (33%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5B3D 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 2A5B3D by changing the saturation by 10% instead.

 2A5B3D

 2A5B3D

FFFFFF

 104327


 5B8E6D

 002C13

 75A886

 001900

 8FC4A0

 000000


 AAE0BB

 C6FCD7

 E2FFF3

 2A5B3D

 2A5B3D

 215B37

 335B43

■ 185B32

■ 3C5B48

■ 0F5B2C

■ 455B4E

■ 065B27

■ 4E5B53

■ 005B23

■ 585B59

■ 615B5E

■ 6A5B64

■ 735B6A

■ 7C5B6F

Harmonies

Analogous

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



46572C



2A5B3D



005D53

Triad

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



2A5B3D



32537D



79423B

Complementary

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



2A5B3D



5B2A48

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.



7A4050



2A5B3D



564B76

Square

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



2A5B3D



005978



6E4365



6E492B

Rectangle

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



2A5B3D



005C62



6E4365



7B4142

Sweetspot

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



2A5B3D



63756A



485B2A



303B34



BABABA



3B3B3B

Same Dimension

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



2A5B3D



297547



2A5B55



292E2B



006E2B



00ED5C

Inverse Universe

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



5B2A48



752958



5B2A30



2E292C



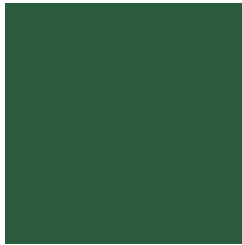
6E0043



ED0091

Previews

White Background



This preview shows how the Hex color 2A5B3D looks on a white background.

Color Contrast Check

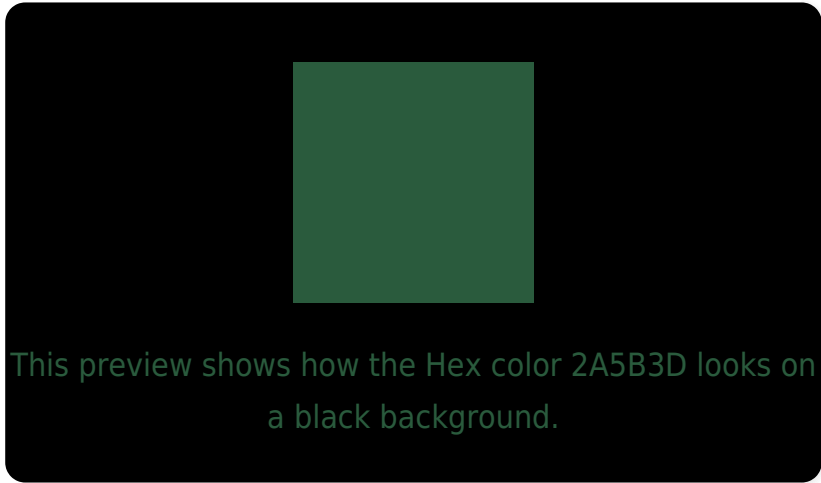
Large Text (above 18pt) WCAG AA ✓ Pass

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

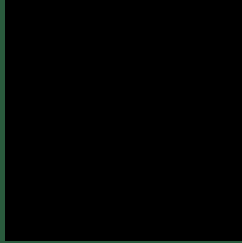
Any Text WCAG AA × Fail

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 2A5B3D Background



This preview shows how black text looks on a background with the Hex color 2A5B3D.



This preview shows how white text looks on a background with the Hex color 2A5B3D.

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
2A5B3D

Protanopia
585139

Deuteranopia
5F4E40



Tritanopia
33575E

Trichromacy



Original Color
2A5B3D

Protanomaly
47553A

Deuteranomaly
4C533F

Tritanomaly
305852

Monochromacy



Original Color
2A5B3D

Achromatopsia
494949

Achromatomaly
3E5045

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5B3D 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 #2A5B3D looks like.

```
.text, #text, p{  
    color:#2A5B3D  
}
```

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 #2A5B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5B3D
}
```

Border

The CSS property to change the border of an element to Hex 2A5B3D 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".

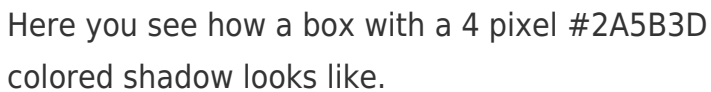
```
.border, #border, table{ border:4px solid
#2A5B3D }
```

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

```
.border{ border-color:#2A5B3D }
```

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

Here you see how a box with a 4 pixel #2A5B3D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5B3D; -webkit-box-shadow:4px 4px  
4px 4px #2A5B3D; box-shadow:4px 4px 4px  
4px #2A5B3D }
```

Background

The CSS property to change the background color of an element to Hex 2A5B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5B3D }
```

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

```
.background{ background-color:#2A5B3D }
```

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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