

Converting Colors

Hex(2A5C3E)

Have a look what the booklet for
Hex(2A5C3E) contains.

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Color

Hex(2A5C3E)

Conversions

Conversions Part 1

Format	Color
Hex	2A5C3E
RGB	42, 92, 62
RGB Percent	16%, 36%, 24%
CMY	0.8353, 0.6392, 0.7569
CMYK	0.54, 0.00, 0.33, 0.64
HSL	144°, 37%, 26%
HSV	144°, 54%, 36%
XYZ	5.6515, 8.4943, 5.8991
YIQ	73.6300, -20.1700, -19.9300

Conversions

Conversions Part 2

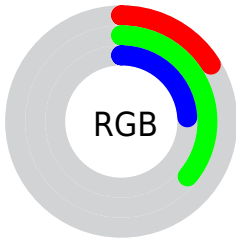
Format	Color
RYB	42, 78, 92
Decimal	2776126
CIELab	34.99, -24.64, 12.24
CIELCh	35, 27.510, 153.585
Yxy	8.4943, 0.2819, 0.4238
Android (android.graphics.Color)	4280966206 (0xFF2A5C3E)
YUV	73.6300, -5.7336, -27.7395
Hunter-Lab	29.1450, -16.3910, 8.4009

Details

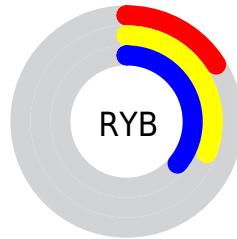
The Hex color **2A5C3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C2A48**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5B8F6E**, and **002D13** is the 20% darker color. If you saturate the color by 10%, you get **215C38**, and if you desaturate by 10%, it is **335C44**.

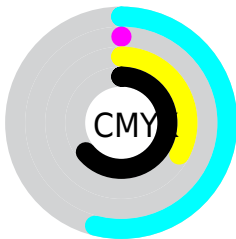
Distribution



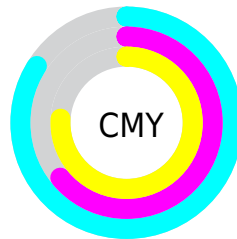
- Red (16%)
- Green (36%)
- Blue (24%)



- Red (16%)
- Yellow (31%)
- 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 2A5C3E 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 2A5C3E by changing the saturation by 10% instead.

 2A5C3E

 2A5C3E

FFFFFF

 104428

 5B8F6E

 002D13

 75A987

 001A00

 8FC5A1

 000000


 AAE1BC

 C6FED8

 E3FFF5

 2A5C3E

 2A5C3E

 215C38

 335C44

■ 185C33

■ 3C5C49

■ 0E5C2D

■ 465C4F

■ 055C28

■ 4F5C54

■ 005C25

■ 585C5A

■ 615C5F

■ 6A5C65

■ 745C6A

■ 7D5C70

Harmonies

Analogous

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



46582D



2A5C3E



005E54

Triad

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



2A5C3E



33547E



7A433B

Complementary

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



2A5C3E



5C2A48

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.



7B4050



2A5C3E



584C77

Square

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



2A5C3E



005A79



704466



6F4A2B

Rectangle

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



2A5C3E



005D63



704466



7C4142

Sweetspot

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



2A5C3E



65786C



485C2A



323D36



BDBDBD



3D3D3D

Same Dimension

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



2A5C3E



2A7849



2A5C57



292E2B



006E2C



00ED5F

Inverse Universe

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



5C2A48



782A59



5C2A2F



2E292C



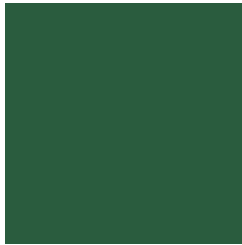
6E0042



ED008E

Previews

White Background



This preview shows how the Hex color 2A5C3E looks on a white background.

Color Contrast Check

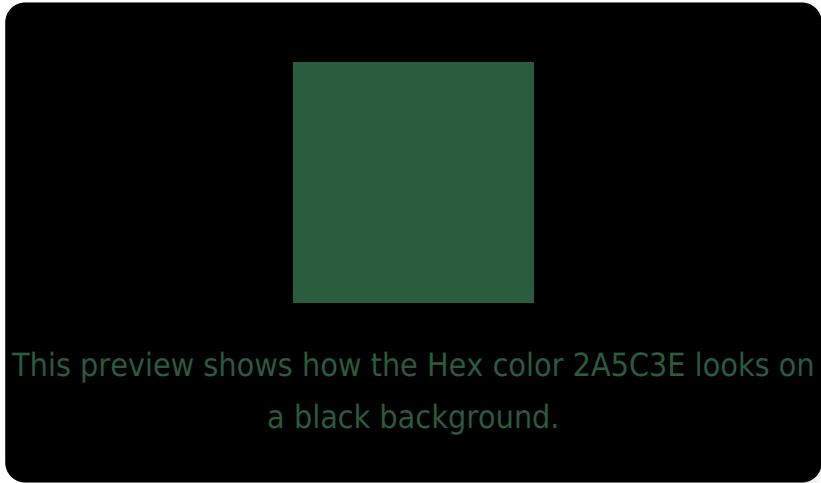
Large Text (above 18pt) WCAG AA ✓ Pass

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

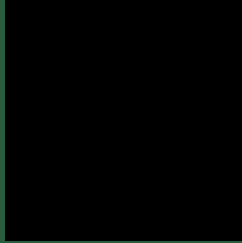
Any Text WCAG AA × Fail

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 2A5C3E Background



This preview shows how black text looks on a background with the Hex color 2A5C3E.



This preview shows how white text looks on a background with the Hex color 2A5C3E.

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
2A5C3E

Protanopia
58523A

Deuteranopia
604F41



Tritanopia
33585F

Trichromacy



Original Color
2A5C3E

Protanomaly
47563B

Deuteranomaly
4C5440

Tritanomaly
305953

Monochromacy



Original Color
2A5C3E

Achromatopsia
4A4A4A

Achromatomaly
3E5146

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5C3E 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 #2A5C3E looks like.

```
.text, #text, p{  
    color:#2A5C3E  
}
```

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 #2A5C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5C3E
}
```

Border

The CSS property to change the border of an element to Hex 2A5C3E 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
#2A5C3E }
```

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

```
.border{ border-color:#2A5C3E }
```

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

Here you see how a box with a 4 pixel #2A5C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5C3E; -webkit-box-shadow:4px 4px  
4px 4px #2A5C3E; box-shadow:4px 4px 4px  
4px #2A5C3E }
```

Background

The CSS property to change the background color of an element to Hex 2A5C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5C3E }
```

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

```
.background{ background-color:#2A5C3E }
```

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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