

Converting Colors

Hex(2A5B44)

Have a look what the booklet for
Hex(2A5B44) contains.

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Color

Hex(2A5B44)

Conversions

Conversions Part 1

Format	Color
Hex	2A5B44
RGB	42, 91, 68
RGB Percent	16%, 36%, 27%
CMY	0.8353, 0.6431, 0.7333
CMYK	0.54, 0.00, 0.25, 0.64
HSL	152°, 37%, 26%
HSV	152°, 54%, 36%
XYZ	5.7393, 8.3918, 6.7861
YIQ	73.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

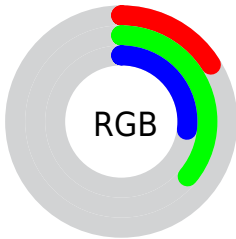
Format	Color
RYB	42, 74, 91
Decimal	2775876
CIELab	34.79, -22.74, 8.27
CIELCh	35, 24.200, 160.027
Yxy	8.3918, 0.2744, 0.4012
Android (android.graphics.Color)	4280965956 (0xFF2A5B44)
YUV	73.7270, -2.8234, -27.8246
Hunter-Lab	28.9685, -15.3301, 6.3888

Details

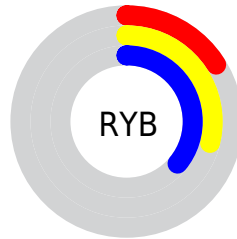
The Hex color **2A5B44** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B2A41**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5B8E74**, and **002D19** is the 20% darker color. If you saturate the color by 10%, you get **215B40**, and if you desaturate by 10%, it is **335B48**.

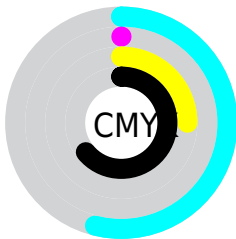
Distribution



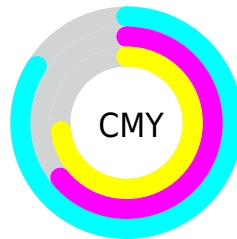
- Red (16%)
- Green (36%)
- Blue (27%)



- Red (16%)
- Yellow (29%)
- Blue (36%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5B44 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 2A5B44 by changing the saturation by 10% instead.

 2A5B44

 2A5B44

FFFFFF

 10432E

 5B8E74

 002D19

 75A88E

 001900

 8FC3A8

 000000


 AAE0C3

 C6FCDF

 E2FFFC

 2A5B44

 2A5B44

 215B40

 335B48

■ 185B3B

■ 3C5B4D

■ 0F5B37

■ 455B51

■ 065B33

■ 4E5B55

■ 005B30

■ 585B59

■ 615B5E

■ 6A5B62

■ 735B66

■ 7C5B6A

Harmonies

Analogous

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



435834



2A5B44



055C58

Triad

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



2A5B44



405278



74463A

Complementary

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



2A5B44



5B2A41

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.



77434C



2A5B44



5C4A6F

Square

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



2A5B44



1A5776



6F445F



694C2E

Rectangle

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



2A5B44



005C64



6F445F



764440

Sweetspot

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



2A5B44



63756C



425B2A



303B35



BABABA



3B3B3B

Same Dimension

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



2A5B44



297552



2A5A5B



292E2C



006E3A



00ED7E

Inverse Universe

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



5B2A41



75294D



5B2B2A



2E292B



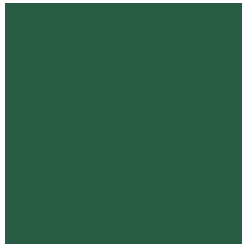
6E0033



ED006F

Previews

White Background



This preview shows how the Hex color 2A5B44 looks on a white background.

Color Contrast Check

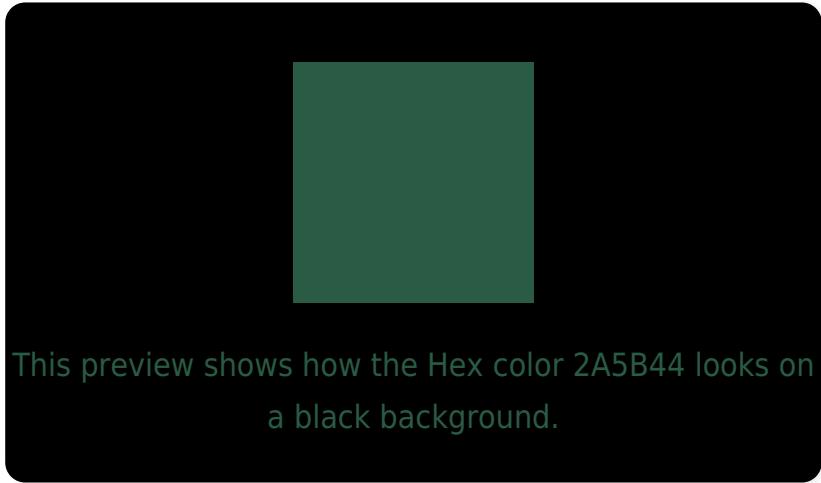
Large Text (above 18pt) WCAG AA ✓ Pass

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

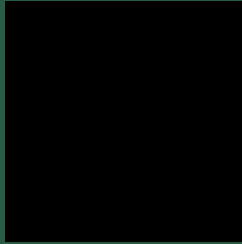
Any Text WCAG AA × Fail

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 2A5B44 Background



This preview shows how black text looks on a background with the Hex color 2A5B44.



This preview shows how white text looks on a background with the Hex color 2A5B44.

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
2A5B44

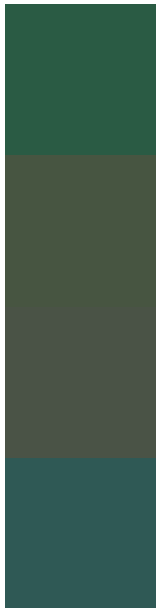
Protanopia
57513F

Deuteranopia
5D4E47



Tritanopia
32585F

Trichromacy



Original Color
2A5B44

Protanomaly
475541

Deuteranomaly
4A5346

Tritanomaly
2F5955

Monochromacy



Original Color
2A5B44

Achromatopsia
4A4A4A

Achromatomaly
3E5048

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5B44 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 #2A5B44 looks like.

```
.text, #text, p{  
    color:#2A5B44  
}
```

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 #2A5B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5B44  
}
```

Border

The CSS property to change the border of an element to Hex 2A5B44 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  
#2A5B44 }
```

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

```
.border{ border-color:#2A5B44 }
```

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

Here you see how a box with a 4 pixel #2A5B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5B44; -webkit-box-shadow:4px 4px  
4px 4px #2A5B44; box-shadow:4px 4px 4px  
4px #2A5B44 }
```

Background

The CSS property to change the background color of an element to Hex 2A5B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5B44 }
```

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

```
.background{ background-color:#2A5B44 }
```

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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