

Converting Colors

Hex(2A5343)

Have a look what the booklet for
Hex(2A5343) contains.

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Color

Hex(2A5343)

Conversions

Conversions Part 1

Format	Color
Hex	2A5343
RGB	42, 83, 67
RGB Percent	16%, 33%, 26%
CMY	0.8353, 0.6745, 0.7373
CMYK	0.49, 0.00, 0.19, 0.67
HSL	157°, 33%, 25%
HSV	157°, 49%, 33%
XYZ	5.0612, 7.0840, 6.4108
YIQ	68.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

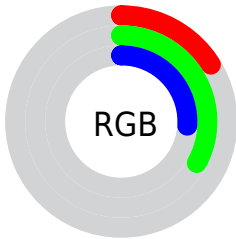
Format	Color
R_{YB}	42, 67, 83
Decimal	2773827
CIE _{Lab}	32.00, -18.78, 4.95
CIE _{LCh}	32, 19.418, 165.237
Yxy	7.0840, 0.2728, 0.3818
Android (android.graphics.Color)	4280963907 (0xFF2A5343)
YUV	68.9170, -0.9451, -23.6062
Hunter-Lab	26.6158, -12.6343, 4.3502

Details

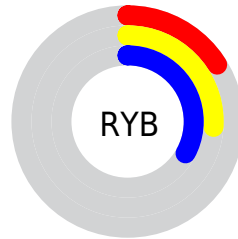
The Hex color **2A5343** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532A3A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5A8573**, and **002618** is the 20% darker color. If you saturate the color by 10%, you get **225340**, and if you desaturate by 10%, it is **325346**.

Distribution



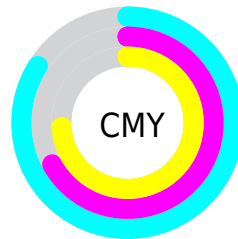
- Red (16%)
- Green (33%)
- Blue (26%)



- Red (16%)
- Yellow (26%)
- Blue (33%)



- Cyan (49%)
- Magenta (0%)
- Yellow (19%)
- Black (67%)



- Cyan (84%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5343 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 2A5343 by changing the saturation by 10% instead.

 2A5343

 2A5343

FFFFFF

 123C2D

 5A8573

 002618

 749F8C

 000D00

 8EBAA7

 000000

 A8D6C2

 C4F2DE

 E0FFFA

 F0FFFF

 2A5343

 2A5343

■ 225340

■ 325346

■ 19533D

■ 3B5349

■ 115339

■ 43534D

■ 095336

■ 4B5350

■ 005333

■ 545353

■ 5C5356

■ 64535A

■ 6C535D

■ 755360

Harmonies

Analogous

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



3D5135



2A5343



185453

Triad

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



2A5343



424A69



664336

Complementary

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



2A5343



532A3A

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.



694044



2A5343



574561

Square

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



2A5343



2A4F68



644053



5C482E

Rectangle

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



2A5343



13535C



644053



68413A

Sweetspot

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



2A5343



5B6B65



3A532A



2C3632



B5B5B5



363636

Same Dimension

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



2A5343



2C6B52



2A4F53



252927



006940



00E88D

Inverse Universe

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



532A3A



6B2C45



532E2A



292526



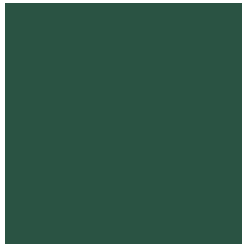
690029



E8005B

Previews

White Background



This preview shows how the Hex color 2A5343 looks on a white background.

Color Contrast Check

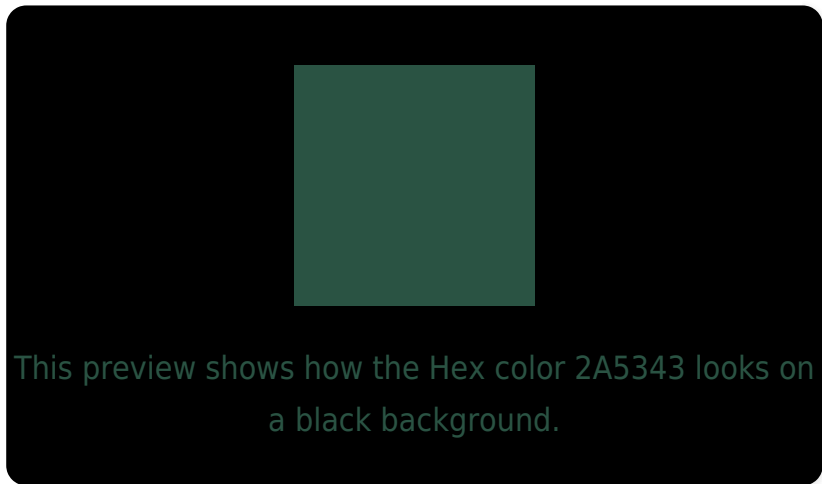
Large Text (above 18pt) WCAG AA ✓ Pass

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

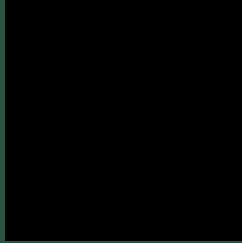
Any Text WCAG AA × Fail

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 2A5343 Background



This preview shows how black text looks on a background with the Hex color 2A5343.



This preview shows how white text looks on a background with the Hex color 2A5343.

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
2A5343

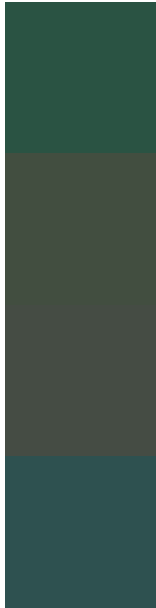
Protanopia
4F4B3F

Deuteranopia
544845



Tritanopia
305057

Trichromacy



Original Color
2A5343

Protanomaly
424E40

Deuteranomaly
454C44

Tritanomaly
2E5150

Monochromacy



Original Color
2A5343

Achromatopsia
454545

Achromatomaly
3B4A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5343 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 #2A5343 looks like.

```
.text, #text, p{  
    color:#2A5343  
}
```

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 #2A5343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5343
}
```

Border

The CSS property to change the border of an element to Hex 2A5343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

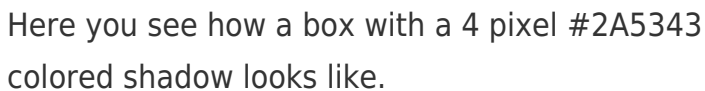
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A5343 }
```

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

```
.border{ border-color:#2A5343 }
```

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



Here you see how a box with a 4 pixel #2A5343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5343; -webkit-box-shadow:4px 4px  
4px 4px #2A5343; box-shadow:4px 4px 4px  
4px #2A5343 }
```

Background

The CSS property to change the background color of an element to Hex 2A5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5343 }
```

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

```
.background{ background-color:#2A5343 }
```

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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