

Converting Colors

Hex(2A4443)

Have a look what the booklet for
Hex(2A4443) contains.

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Color

Hex(2A4443)

Conversions

Conversions Part 1

Format	Color
Hex	2A4443
RGB	42, 68, 67
RGB Percent	16%, 27%, 26%
CMY	0.8353, 0.7333, 0.7373
CMYK	0.38, 0.00, 0.01, 0.73
HSL	178°, 24%, 22%
HSV	178°, 38%, 27%
XYZ	4.0351, 5.0317, 6.0687
YIQ	60.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

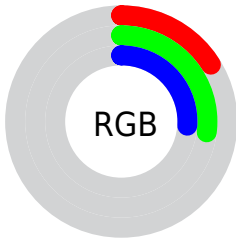
Format	Color
R_{YB}	42, 55, 68
Decimal	2769987
CIE _{Lab}	26.82, -10.17, -2.56
CIE _{LCh}	27, 10.483, 194.139
Yxy	5.0317, 0.2666, 0.3324
Android (android.graphics.Color)	4280960067 (0xFF2A4443)
YUV	60.1120, 3.3958, -15.8842
Hunter-Lab	22.4315, -7.1458, -0.3386

Details

The Hex color **2A4443** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442A2B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **597473**, and **001A18** is the 20% darker color. If you saturate the color by 10%, you get **234443**, and if you desaturate by 10%, it is **314443**.

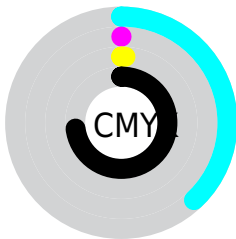
Distribution



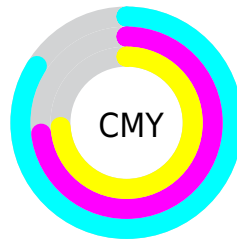
- Red (16%)
- Green (27%)
- Blue (26%)



- Red (16%)
- Yellow (22%)
- Blue (27%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (73%)



- Cyan (84%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4443 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 2A4443 by changing the saturation by 10% instead.

■ 2A4443

■ 2A4443

FFFFFF

■ 142E2D

■ 597473

■ 001A18

■ 728E8C

■ 000000

■ 8BA8A7

■ A6C3C2

■ C1DFDE

■ DDFCFA

■ FAFFFF

■ 2A4443

■ 2A4443

■ 234443

■ 314443

■ 1C4442

■ 384444

■ 164442

■ 3E4444

■ 0F4442

■ 454444

■ 084442

■ 4C4444

■ 014441

■ 534445

■ 004441

■ 5A4445

■ 604445

■ 674445

Harmonies

Analogous

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



30443B



2A4443



2A434A

Triad

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



2A4443



453C4B



493D30

Complementary

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



2A4443



442A2B

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.



4F3B35



2A4443



4D3A44

Square

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



2A4443



3B3F4F



503A3C



424030

Rectangle

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



2A4443



2E424E



503A3C



4B3D31

Sweetspot

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



2A4443



4F5959



2B442A



282E2E



ADADAD



2E2E2E

Same Dimension

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



2A4443



305958



2A3844



1E2121



00615D



00E0D8

Inverse Universe

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



442A2B



593032



44362A



211E1E



610004



E00009

Previews

White Background



This preview shows how the Hex color 2A4443 looks on a white background.

Color Contrast Check

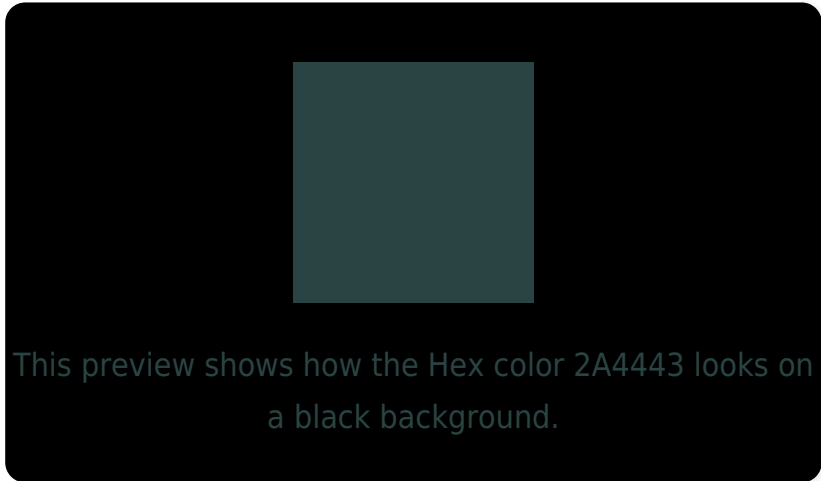
Large Text (above 18pt) WCAG AA ✓ Pass

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

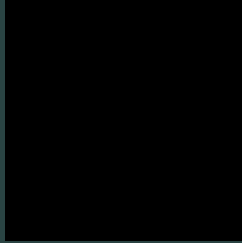
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

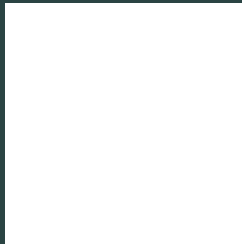
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A4443 Background



This preview shows how black text looks on a background with the Hex color 2A4443.



This preview shows how white text looks on a background with the Hex color 2A4443.

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

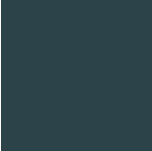
2A4443

Protanopia

403F40

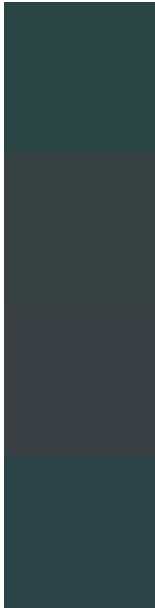
Deuteranopia

433D44



Tritanopia
2B4349

Trichromacy



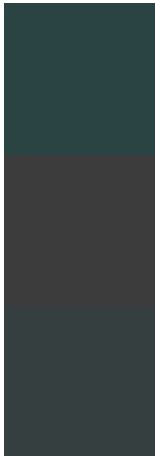
Original Color
2A4443

Protanomaly
384141

Deuteranomaly
3A4044

Tritanomaly
2B4347

Monochromacy



Original Color
2A4443

Achromatopsia
3C3C3C

Achromatomaly
353F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4443 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 #2A4443 looks like.

```
.text, #text, p{  
    color:#2A4443  
}
```

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 #2A4443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4443  
}
```

Border

The CSS property to change the border of an element to Hex 2A4443 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  
#2A4443 }
```

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

```
.border{ border-color:#2A4443 }
```

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

Here you see how a box with a 4 pixel #2A4443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4443; -webkit-box-shadow:4px 4px  
4px 4px #2A4443; box-shadow:4px 4px 4px  
4px #2A4443 }
```

Background

The CSS property to change the background color of an element to Hex 2A4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4443 }
```

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

```
.background{ background-color:#2A4443 }
```

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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