

Converting Colors

Hex(2A3E53)

Have a look what the booklet for
Hex(2A3E53) contains.

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Color

Hex(2A3E53)

Conversions

Conversions Part 1

Format	Color
Hex	2A3E53
RGB	42, 62, 83
RGB Percent	16%, 24%, 33%
CMY	0.8353, 0.7569, 0.6745
CMYK	0.49, 0.25, 0.00, 0.67
HSL	211°, 33%, 25%
HSV	211°, 49%, 33%
XYZ	4.2388, 4.5620, 8.8408
YIQ	58.4140, -18.6610, 2.2910

Conversions

Conversions Part 2

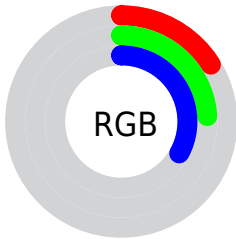
Format	Color
R_{YB}	42, 55, 83
Decimal	2768467
CIE Lab	25.45, -1.35, -15.14
CIE LCh	25, 15.201, 264.920
Yxy	4.5620, 0.2403, 0.2586
Android (android.graphics.Color)	4280958547 (0xFF2A3E53)
YUV	58.4140, 12.1209, -14.3951
Hunter-Lab	21.3589, -1.9536, -9.5898

Details

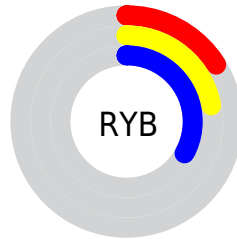
The Hex color **2A3E53** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **533F2A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5A6D85**, and **001426** is the 20% darker color. If you saturate the color by 10%, you get **223A53**, and if you desaturate by 10%, it is **324253**.

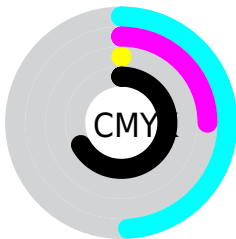
Distribution



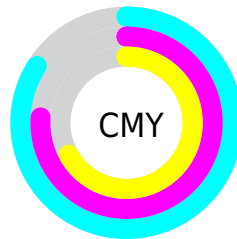
- Red (16%)
- Green (24%)
- Blue (33%)



- Red (16%)
- Yellow (22%)
- Blue (33%)



- Cyan (49%)
- Magenta (25%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3E53 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 2A3E53 by changing the saturation by 10% instead.

■ 2A3E53

■ 2A3E53

FFFFFF

■ 13283C

■ 5A6D85

■ 001426

■ 73879F

■ 000110

■ 8DA1BA

■ 000000

■ A8BCD5

■ C3D8F2

■ DFF4FF

■ FFFFFFFF

■ 2A3E53

■ 2A3E53

■ 223A53

■ 324253

■ 193553

■ 3B4753

■ 113153

■ 434B53

■ 092D53

■ 4B4F53

■ 002953

■ 545353

■ 002853

■ 5C5853

■ 645C53

■ 6C6053

■ 756453

Harmonies

Analogous

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



1B414F



2A3E53



3B3A51

Triad

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



2A3E53



533433



2D412F

Complementary

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



2A3E53



533F2A

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.



3A3F27



2A3E53



4F372A

Square

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



2A3E53



51343F



463B25



20433A

Rectangle

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



2A3E53



45374D



463B25



32402C

Sweetspot

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



2A3E53



5B636B



2A533F



2C3136



B5B5B5



363636

Same Dimension

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



2A3E53



2C4B6B



2A2A53



252729



003369



0071E8

Inverse Universe

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



532A3E



6B2C4B



53532A



292527



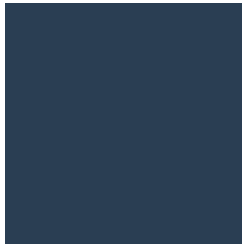
690033



E80071

Previews

White Background



This preview shows how the Hex color 2A3E53 looks on a white background.

Color Contrast Check

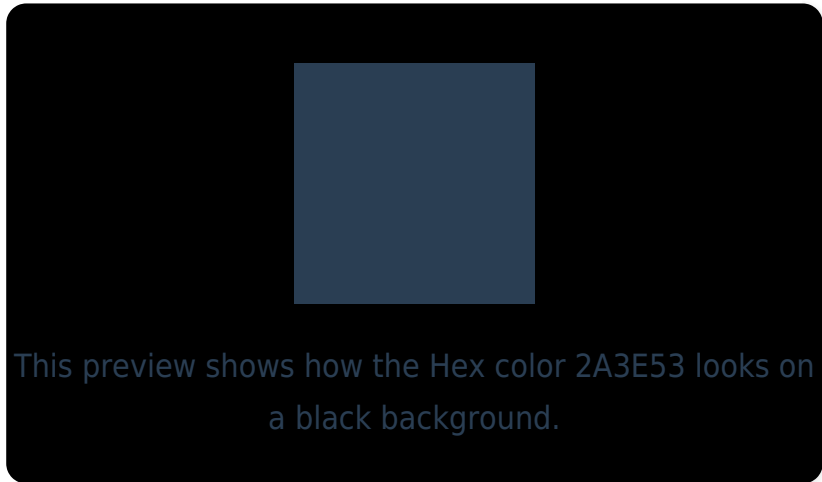
Large Text (above 18pt) WCAG AA ✓ Pass

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

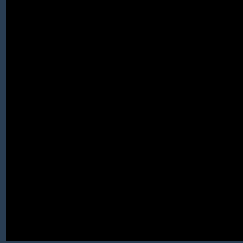
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

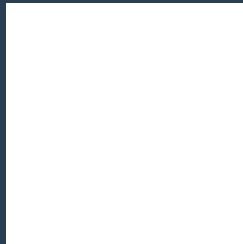
Any Text WCAG AAA × Fail

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

Hex 2A3E53 Background



This preview shows how black text looks on a background with the Hex color 2A3E53.

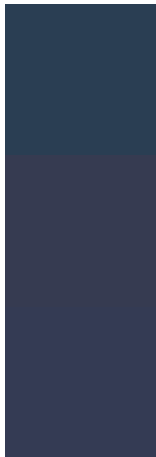


This preview shows how white text looks on a background with the Hex color 2A3E53.

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](#).

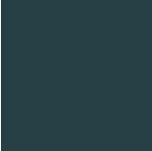
Dichromacy



Original Color
2A3E53

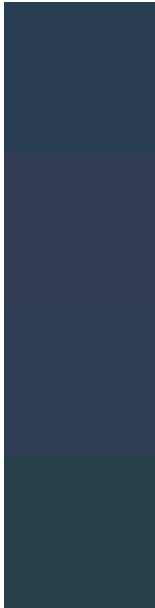
Protanopia
363B51

Deuteranopia
343B54



Tritanopia
264046

Trichromacy



Original Color
2A3E53

Protanomaly
323C52

Deuteranomaly
303C54

Tritanomaly
273F4B

Monochromacy



Original Color
2A3E53

Achromatopsia
3A3A3A

Achromatomaly
343B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3E53 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 #2A3E53 looks like.

```
.text, #text, p{  
    color:#2A3E53  
}
```

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 #2A3E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3E53
}
```

Border

The CSS property to change the border of an element to Hex 2A3E53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

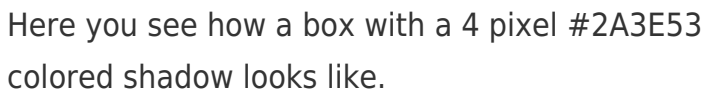
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3E53 }
```

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

```
.border{ border-color:#2A3E53 }
```

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



Here you see how a box with a 4 pixel #2A3E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3E53; -webkit-box-shadow:4px 4px  
4px 4px #2A3E53; box-shadow:4px 4px 4px  
4px #2A3E53 }
```

Background

The CSS property to change the background color of an element to Hex 2A3E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3E53 }
```

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

```
.background{ background-color:#2A3E53 }
```

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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