

Converting Colors

Hex(2A4B5E)

Have a look what the booklet for
Hex(2A4B5E) contains.

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Color

Hex(2A4B5E)

Conversions

Conversions Part 1

Format	Color
Hex	2A4B5E
RGB	42, 75, 94
RGB Percent	16%, 29%, 37%
CMY	0.8353, 0.7059, 0.6314
CMYK	0.55, 0.20, 0.00, 0.63
HSL	202°, 38%, 27%
HSV	202°, 55%, 37%
XYZ	5.4913, 6.3325, 11.5226
YIQ	67.2990, -25.7670, -1.0870

Conversions

Conversions Part 2

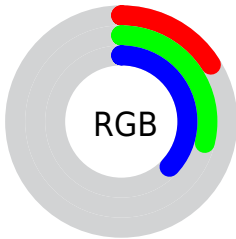
Format	Color
RYB	42, 62, 94
Decimal	2771806
CIELab	30.24, -6.00, -14.88
CIElCh	30, 16.047, 248.036
Yxy	6.3325, 0.2352, 0.2712
Android (android.graphics.Color)	4280961886 (0xFF2A4B5E)
YUV	67.2990, 13.1636, -22.1872
Hunter-Lab	25.1646, -5.0865, -9.5330




Details

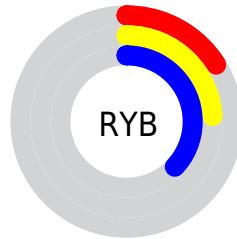
The Hex color **2A4B5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3D2A**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **5C7C90**, and **001F30** is the 20% darker color. If you saturate the color by 10%, you get **21485E**, and if you desaturate by 10%, it is **334E5E**.

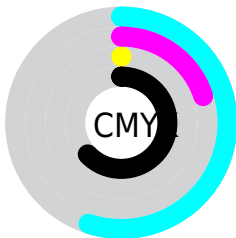
Distribution







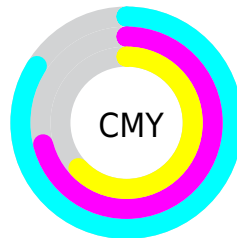
-  Red (16%)
-  Green (29%)
-  Blue (37%)






-  Red (16%)
-  Yellow (24%)
-  Blue (37%)



-  Cyan (55%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (84%)
-  Magenta (71%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4B5E 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 2A4B5E by changing the saturation by 10% instead.

■ 2A4B5E

■ 2A4B5E

FFFFFF

■ 103446

■ 5C7C90

■ 001F30

■ 7596AB

■ 00031C

■ 8FB0C6

■ 000000

■ ABCCE2

■ C6E8FF

■ E3FFFF

■ 2A4B5E

■ 2A4B5E

■ 21485E

■ 334E5E

■ 17445E

■ 3D525E

■ 0E415E

■ 46555E

■ 043D5E

■ 50595E

■ 003C5E

■ 595C5E

■ 62605E

■ 6C635E

■ 75665E

■ 7F6A5E

Harmonies

Analogous

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



204D56



2A4B5E



3C4760

Triad

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



2A4B5E



603E44



3F4B33

Complementary

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



2A4B5E



5E3D2A

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.



4D472E



2A4B5E



5F4038

Square

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



2A4B5E



5A3F51



584330



304D3D

Rectangle

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



2A4B5E



48445D



584330



444A31

Sweetspot

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



2A4B5E



66737A



2A5E3C



31393D



BDBDBD



3D3D3D

Same Dimension

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



2A4B5E



2A5D7A



2A325E



292C2E



00466E



0096ED

Inverse Universe

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



5E2A4B



7A2A5D



5E562A



2E292C



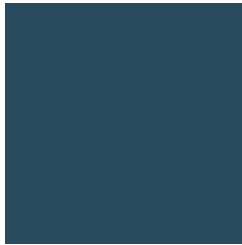
6E0046



ED0096

Previews

White Background



This preview shows how the Hex color 2A4B5E looks on a white background.

Color Contrast Check

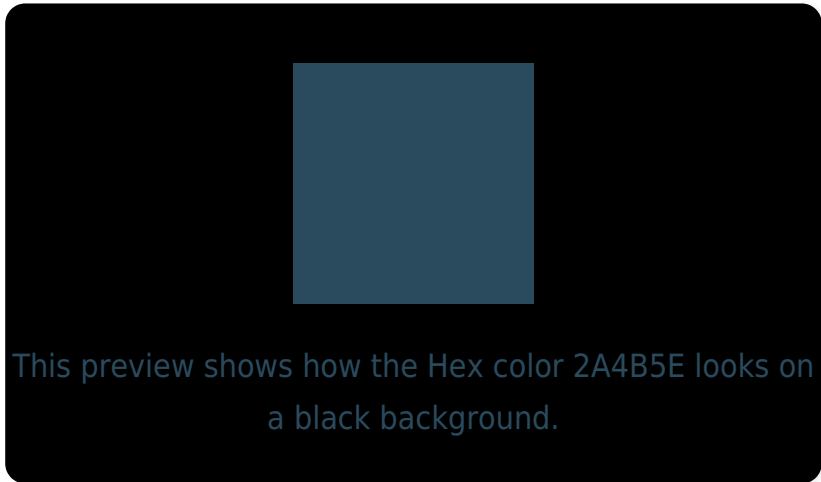
Large Text (above 18pt) WCAG AA ✓ Pass

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

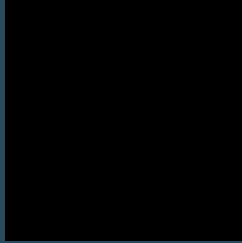
Any Text WCAG AA × Fail

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 2A4B5E Background



This preview shows how black text looks on a background with the Hex color 2A4B5E.



This preview shows how white text looks on a background with the Hex color 2A4B5E.

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
2A4B5E

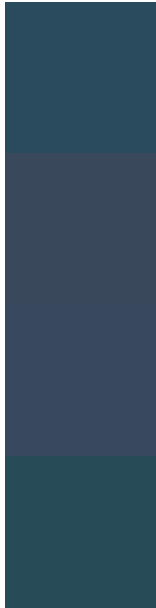
Protanopia
42465A

Deuteranopia
40465F



Tritanopia
264D53

Trichromacy



Original Color
2A4B5E

Protanomaly
39485B

Deuteranomaly
38485F

Tritanomaly
274C57

Monochromacy



Original Color
2A4B5E

Achromatopsia
434343

Achromatomaly
3A464D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4B5E 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 #2A4B5E looks like.

```
.text, #text, p{  
    color:#2A4B5E  
}
```

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 #2A4B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4B5E
}
```

Border

The CSS property to change the border of an element to Hex 2A4B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

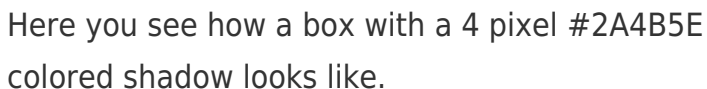
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A4B5E }
```

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

```
.border{ border-color:#2A4B5E }
```

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



Here you see how a box with a 4 pixel #2A4B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4B5E; -webkit-box-shadow:4px 4px  
4px 4px #2A4B5E; box-shadow:4px 4px 4px  
4px #2A4B5E }
```

Background

The CSS property to change the background color of an element to Hex 2A4B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4B5E }
```

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

```
.background{ background-color:#2A4B5E }
```

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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