

# Converting Colors

Hex(2A4C54)

Have a look what the booklet for  
Hex(2A4C54) contains.

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# Color

**Hex(2A4C54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A4C54
RGB	42, 76, 84
RGB Percent	16%, 30%, 33%
CMY	0.8353, 0.7020, 0.6706
CMYK	0.50, 0.10, 0.00, 0.67
HSL	191°, 33%, 25%
HSV	191°, 50%, 33%
XYZ	5.1395, 6.3012, 9.3329
YIQ	66.7460, -22.8320, -4.7200

# Conversions

## Conversions Part 2

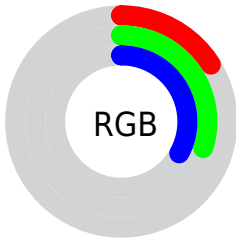
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 61, 84
Decimal	2772052
CIE Lab	30.16, -9.89, -8.60
CIE LCh	30, 13.105, 220.991
Yxy	6.3012, 0.2474, 0.3033
Android (android.graphics.Color)	4280962132 (0xFF2A4C54)
YUV	66.7460, 8.5062, -21.7022
Hunter-Lab	25.1022, -7.3822, -4.4722

# Details

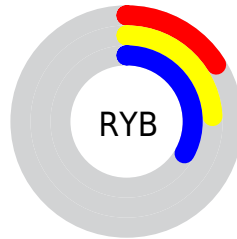
The Hex color **2A4C54** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54322A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5B7D86**, and **002027** is the 20% darker color. If you saturate the color by 10%, you get **224A54**, and if you desaturate by 10%, it is **324E54**.

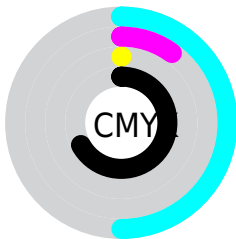
# Distribution



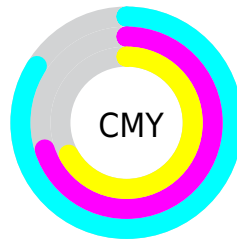
- Red (16%)
- Green (30%)
- Blue (33%)



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



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (70%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A4C54 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 2A4C54 by changing the saturation by 10% instead.





2A4C54



2A4C54

FFFFFF



12353D



5B7D86



002027



7497A0



000213



8EB2BB



000000



A9CDD6



C5E9F3



E1FFFF



FEFFFF



2A4C54



2A4C54

■ 224A54

■ 324E54

■ 194954

■ 3B4F54

■ 114754

■ 435154

■ 084654

■ 4C5254

■ 004454

■ 545454

■ 5C5654

■ 655754

■ 6D5954

■ 765A54

# Harmonies

## Analogous

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



2B4D4B



2A4C54



324A5A

# Triad

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



2A4C54



57404E



4B4833

# Complementary

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



2A4C54



54322A

# 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.



544434



2A4C54



5C4044

# Square

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



2A4C54



4D4356



5A413A



3F4A37

# Rectangle

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



2A4C54



3B485B



5A413A



4E4633



# Sweetspot

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



2A4C54



5D6B6E



2A5432



2E3638



B8B8B8



383838



# Same Dimension

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



2A4C54



2C616E



2A3754



252829



005569



00BCE8



# Inverse Universe

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



542A4C



6E2C61



54472A



292528



690055

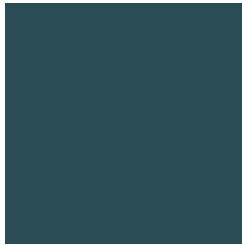


E800BC



# Previews

## White Background



This preview shows how the Hex color 2A4C54 looks on a white background.

## Color Contrast Check

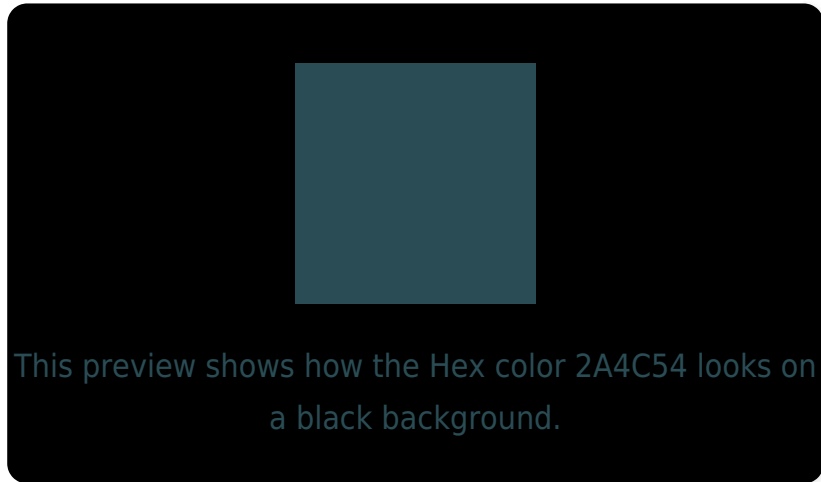
Large Text (above 18pt) WCAG AA ✓ Pass

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

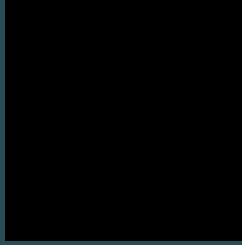
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

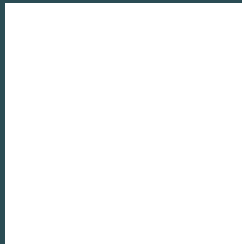
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A4C54 Background



This preview shows how black text looks on a background with the Hex color 2A4C54.



This preview shows how white text looks on a background with the Hex color 2A4C54.

# 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**  
2A4C54

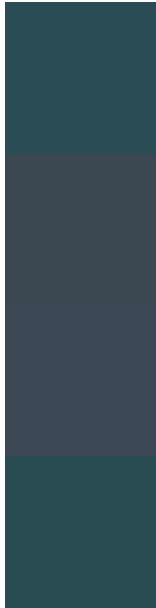
**Protanopia**  
454650

**Deuteranopia**  
464555



**Tritanopia**  
294C52

# Trichromacy



**Original Color**  
2A4C54

**Protanomaly**  
3B4851

**Deuteranomaly**  
3C4855

**Tritanomaly**  
294C53

# Monochromacy



**Original Color**  
2A4C54

**Achromatopsia**  
434343

**Achromatomaly**  
3A4649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A4C54 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 #2A4C54 looks like.

```
.text, #text, p{  
    color:#2A4C54  
}
```

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 #2A4C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4C54
}
```

## Border

The CSS property to change the border of an element to Hex 2A4C54 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
#2A4C54 }
```

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

```
.border{ border-color:#2A4C54 }
```

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

Here you see how a box with a 4 pixel #2A4C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4C54; -webkit-box-shadow:4px 4px  
4px 4px #2A4C54; box-shadow:4px 4px 4px  
4px #2A4C54 }
```

# Background

The CSS property to change the background color of an element to Hex 2A4C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4C54 }
```

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

```
.background{ background-color:#2A4C54 }
```

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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