

Converting Colors

Hex(2A5F6B)

Have a look what the booklet for
Hex(2A5F6B) contains.

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Color

Hex(2A5F6B)

Conversions

Conversions Part 1

Format	Color
Hex	2A5F6B
RGB	42, 95, 107
RGB Percent	16%, 37%, 42%
CMY	0.8353, 0.6275, 0.5804
CMYK	0.61, 0.11, 0.00, 0.58
HSL	191°, 44%, 29%
HSV	191°, 61%, 42%
XYZ	7.7009, 9.7382, 15.3837
YIQ	80.5210, -35.4400, -7.5040

Conversions

Conversions Part 2

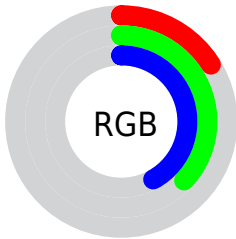
Format	Color
RYB	42, 71, 107
Decimal	2776939
CIELab	37.37, -13.68, -12.15
CIELCh	37, 18.298, 221.618
Yxy	9.7382, 0.2346, 0.2967
Android (android.graphics.Color)	4280967019 (0xFF2A5F6B)
YUV	80.5210, 13.0541, -33.7829
Hunter-Lab	31.2061, -10.5612, -7.3840

Details

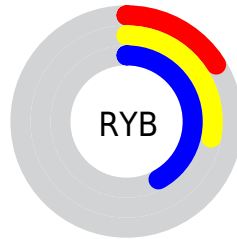
The Hex color **2A5F6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B362A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5E929E**, and **00313C** is the 20% darker color. If you saturate the color by 10%, you get **1F5D6B**, and if you desaturate by 10%, it is **35616B**.

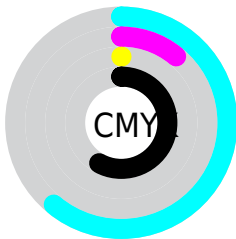
Distribution



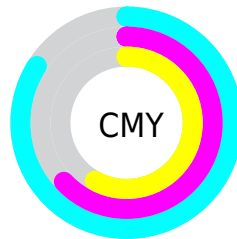
- Red (16%)
- Green (37%)
- Blue (42%)



- Red (16%)
- Yellow (28%)
- Blue (42%)



- Cyan (61%)
- Magenta (11%)
- Yellow (0%)
- Black (58%)



- Cyan (84%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5F6B 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 2A5F6B by changing the saturation by 10% instead.



2A5F6B



2A5F6B

FFFFFF



0B4753



5E929E



00313C



79ACB9



001C26



94C8D5



000111



AFE4F1



000000



CBFFFF



E8FFFF



2A5F6B



2A5F6B



1F5D6B



35616B

155B6B

3F636B

0A596B

4A656B

00576B

55676B

60696B

6A6B6B

756D6B

806F6B

8A716B

Harmonies

Analogous

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



2D605D



2A5F6B



385C74

Triad

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



2A5F6B



6F4E62



5D593B

Complementary

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



2A5F6B



6B362A

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.



6A543C



2A5F6B



754D53

Square

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



2A5F6B



61526E



734F45



4C5D42

Rectangle

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



2A5F6B



465975



734F45



62573A

Sweetspot

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



2A5F6B



73888C



2A6B36



384547



C7C7C7



474747

Same Dimension

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



2A5F6B



26798C



2A3F6B



303536



006075



00C8F5

Inverse Universe

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



6B2A5F



8C2679



6B562A



363035



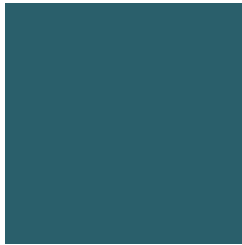
750060



F500C8

Previews

White Background



This preview shows how the Hex color 2A5F6B looks on a white background.

Color Contrast Check

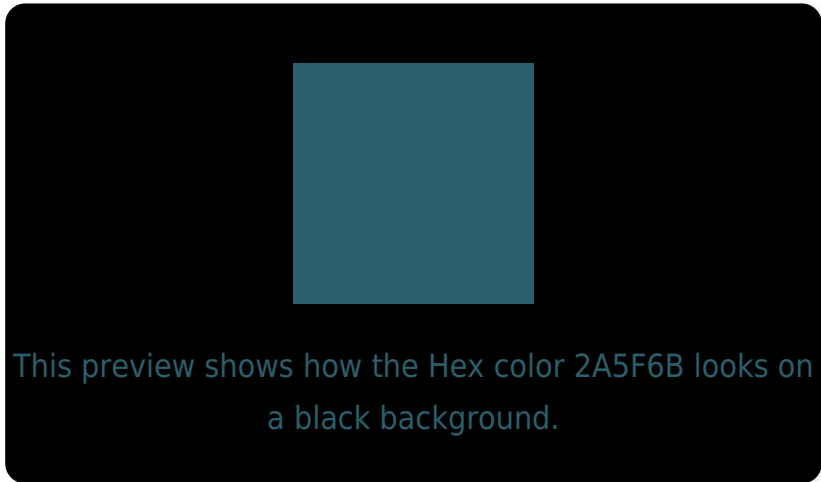
Large Text (above 18pt) WCAG AA ✓ Pass

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

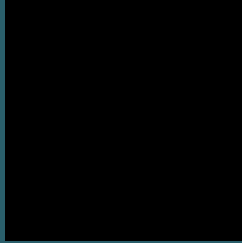
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

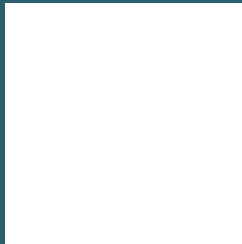
Any Text WCAG AAA × Fail

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

Hex 2A5F6B Background



This preview shows how black text looks on a background with the Hex color 2A5F6B.

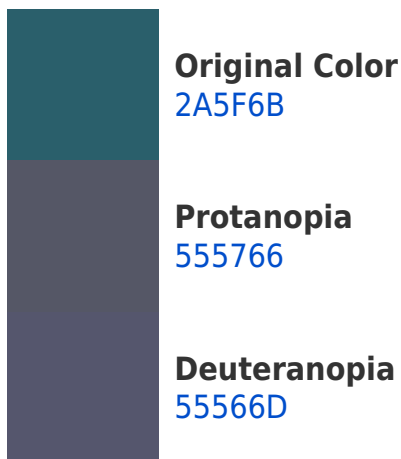


This preview shows how white text looks on a background with the Hex color 2A5F6B.

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](#).

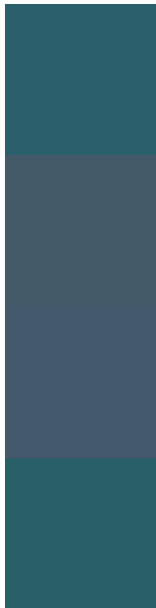
Dichromacy





Tritanopia
286067

Trichromacy



Original Color
2A5F6B

Protanomaly
455A68

Deuteranomaly
45596C

Tritanomaly
296068

Monochromacy



Original Color
2A5F6B

Achromatopsia
515151

Achromatomaly
43565A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5F6B 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 #2A5F6B looks like.

```
.text, #text, p{  
    color:#2A5F6B  
}
```

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 #2A5F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5F6B
}
```

Border

The CSS property to change the border of an element to Hex 2A5F6B 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".

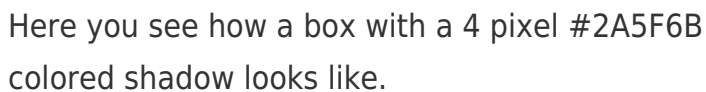
```
.border, #border, table{ border:4px solid
#2A5F6B }
```

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

```
.border{ border-color:#2A5F6B }
```

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

Here you see how a box with a 4 pixel #2A5F6B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5F6B; -webkit-box-shadow:4px 4px  
4px 4px #2A5F6B; box-shadow:4px 4px 4px  
4px #2A5F6B }
```

Background

The CSS property to change the background color of an element to Hex 2A5F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5F6B }
```

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

```
.background{ background-color:#2A5F6B }
```

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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