

Converting Colors

Hex(2A606C)

Have a look what the booklet for
Hex(2A606C) contains.

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Color

Hex(2A606C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2A606C |
| RGB | 42, 96, 108 |
| RGB Percent | 16%, 38%, 42% |
| CMY | 0.8353, 0.6235, 0.5765 |
| CMYK | 0.61, 0.11, 0.00, 0.58 |
| HSL | 191°, 44%, 29% |
| HSV | 191°, 61%, 42% |
| XYZ | 7.8445, 9.9407, 15.6927 |
| YIQ | 81.2220, -36.0360, -7.7160 |

Conversions

Conversions Part 2

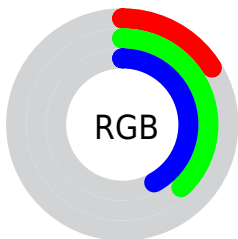
| Format | Color |
|-------------------------------------|--|
| RYB | 42, 72, 108 |
| Decimal | 2777196 |
| CIELab | 37.74, -13.93, -12.21 |
| CIELCh | 38, 18.522, 221.247 |
| Yxy | 9.9407, 0.2343, 0.2969 |
| Android (android.graphics.Color) | 4280967276 (0xFF2A606C) |
| YUV | 81.2220, 13.2016, -34.3977 |
| Hunter-Lab | 31.5289, -10.7641, -7.4398 |




Details

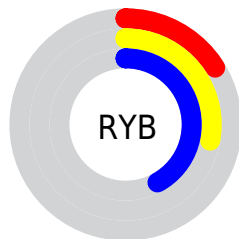
The Hex color **2A606C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C362A**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **5E939F**, and **00323D** is the 20% darker color. If you saturate the color by 10%, you get **1F5E6C**, and if you desaturate by 10%, it is **35626C**.

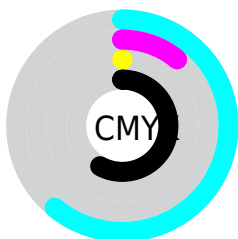
Distribution







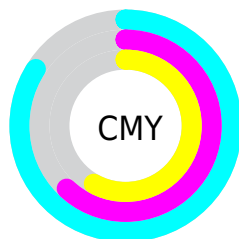
-  Red (16%)
-  Green (38%)
-  Blue (42%)






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



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



-  Cyan (84%)
-  Magenta (62%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A606C 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 2A606C by changing the saturation by 10% instead.



2A606C



2A606C

FFFFFF



0A4854



5E939F



00323D



79ADBA



001D27



94C9D6



000112



AFE5F2



000000



CBFFFF



E8FFFF



2A606C



2A606C



1F5E6C



35626C

■ 145C6C

■ 40646C

■ 0A5A6C

■ 4A666C

■ 00586C

■ 55686C

■ 606A6C

■ 6B6C6C

■ 766E6C

■ 80706C

■ 8B726C

Harmonies

Analogous

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



2D615E



2A606C



385D75

Triad

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



2A606C



704F63



5E5A3B

Complementary

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



2A606C



6C362A

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.



6C553D



2A606C



774E54

Square

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



2A606C



62536F



755046



4D5E42

Rectangle

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



2A606C



465A76



755046



63583B

Sweetspot

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



2A606C



73888C



2A6C35



384547



C7C7C7



474747

Same Dimension

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



2A606C



267A8C



2A406C



303536



006075



00C8F5

Inverse Universe

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



6C2A60



8C267A



6C562A



363035



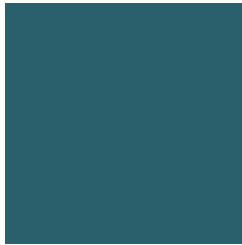
750060



F500C8

Previews

White Background



This preview shows how the Hex color 2A606C looks on a white background.

Color Contrast Check

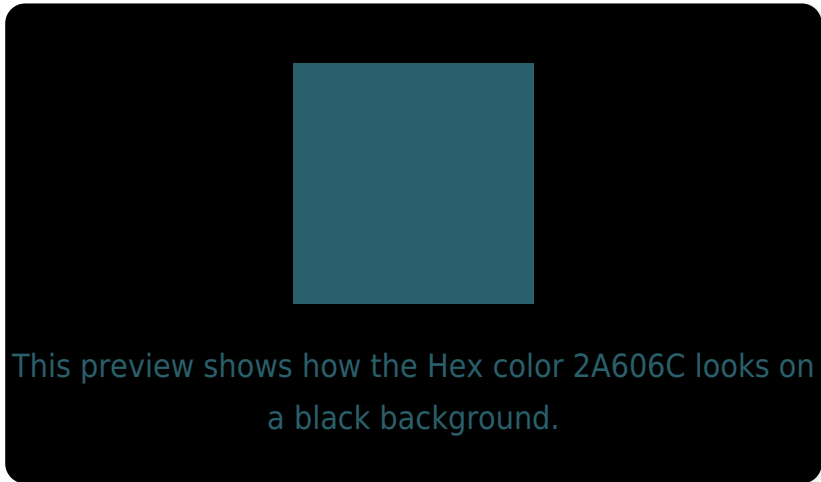
Large Text (above 18pt) WCAG AA ✓ Pass

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

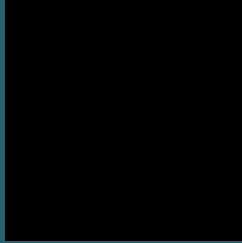
Any Text WCAG AA × Fail

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 2A606C Background



This preview shows how black text looks on a background with the Hex color 2A606C.

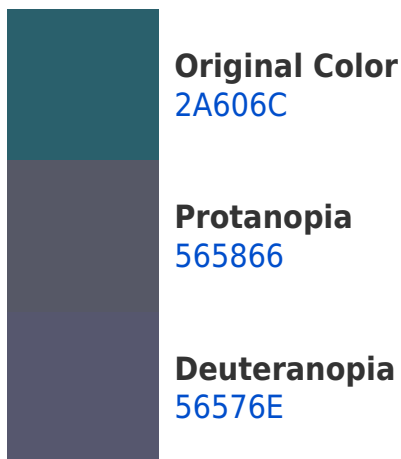


This preview shows how white text looks on a background with the Hex color 2A606C.

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](#).

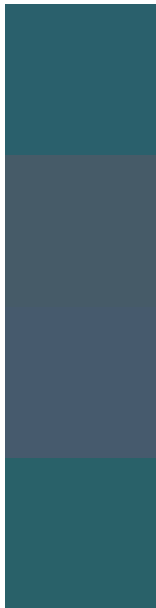
Dichromacy





Tritanopia
286168

Trichromacy



Original Color
2A606C

Protanomaly
465B68

Deuteranomaly
465A6D

Tritanomaly
296169

Monochromacy



Original Color
2A606C

Achromatopsia
515151

Achromatomaly
43565B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A606C 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 #2A606C looks like.

```
.text, #text, p{  
    color:#2A606C  
}
```

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 #2A606C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A606C
}
```

Border

The CSS property to change the border of an element to Hex 2A606C 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
#2A606C }
```

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

```
.border{ border-color:#2A606C }
```

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

Here you see how a box with a 4 pixel #2A606C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A606C; -webkit-box-shadow:4px 4px  
4px 4px #2A606C; box-shadow:4px 4px 4px  
4px #2A606C }
```

Background

The CSS property to change the background color of an element to Hex 2A606C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A606C }
```

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

```
.background{ background-color:#2A606C }
```

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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