

Converting Colors

Hex(2A6D80)

Have a look what the booklet for
Hex(2A6D80) contains.

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Color

Hex(2A6D80)

Conversions

Conversions Part 1

Format	Color
Hex	2A6D80
RGB	42, 109, 128
RGB Percent	16%, 43%, 50%
CMY	0.8353, 0.5725, 0.4980
CMYK	0.67, 0.15, 0.00, 0.50
HSL	193°, 51%, 33%
HSV	193°, 67%, 50%
XYZ	10.3198, 12.9880, 22.3851
YIQ	91.1330, -46.0310, -8.2950

Conversions

Conversions Part 2

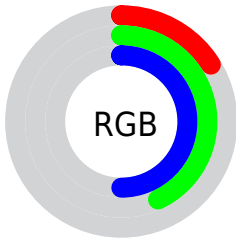
Format	Color
R_{YB}	42, 80, 128
Decimal	2780544
CIE _{Lab}	42.75, -14.68, -16.76
CIE _{LCh}	43, 22.276, 228.777
Yxy	12.9880, 0.2259, 0.2842
Android (android.graphics.Color)	4280970624 (0xFF2A6D80)
YUV	91.1330, 18.1754, -43.0896
Hunter-Lab	36.0389, -11.9545, -11.6000

Details

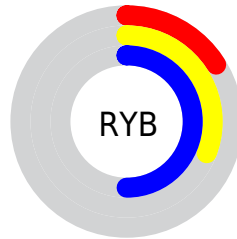
The Hex color **2A6D80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **803D2A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **62A1B5**, and **003D4F** is the 20% darker color. If you saturate the color by 10%, you get **1D6A80**, and if you desaturate by 10%, it is **377080**.

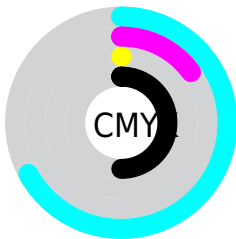
Distribution



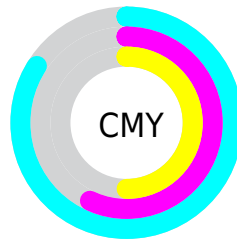
- Red (16%)
- Green (43%)
- Blue (50%)



- Red (16%)
- Yellow (31%)
- Blue (50%)



- Cyan (67%)
- Magenta (15%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6D80 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 2A6D80 by changing the saturation by 10% instead.

■ 2A6D80

■ 2A6D80

FFFFFF

■ 015567

■ 62A1B5

■ 003D4F

■ 7DBCD0

■ 002738

■ 99D7ED

■ 001322

■ B5F4FF

■ 00000A

■ D2FFFF

■ 000000

■ EFFFFFF

■ 2A6D80

■ 2A6D80

■ 1D6A80

■ 377080

■ 106780

■ 447380

■ 046580

■ 507580

■ 006480

■ 5D7880

■ 6A7B80

■ 777E80

■ 848180

■ 908480

■ 9D8680

Harmonies

Analogous

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



296F70



2A6D80



416989

Triad

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



2A6D80



85586D



666742

Complementary

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



2A6D80



803D2A

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.



786141



2A6D80



8A575A

Square

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



2A6D80



755C7D



855B4A



516C4C

Rectangle

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



2A6D80



546589



855B4A



6C6640

Sweetspot

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



2A6D80



859EA6



2A803D



405054



D4D4D4



545454

Same Dimension

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



2A6D80



1F88A6



2A4280



393E40



006380



000000

Inverse Universe

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



802A6D



A61F88



80682A



40393E



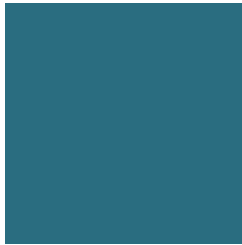
800063



000000

Previews

White Background



This preview shows how the Hex color 2A6D80 looks on a white background.

Color Contrast Check

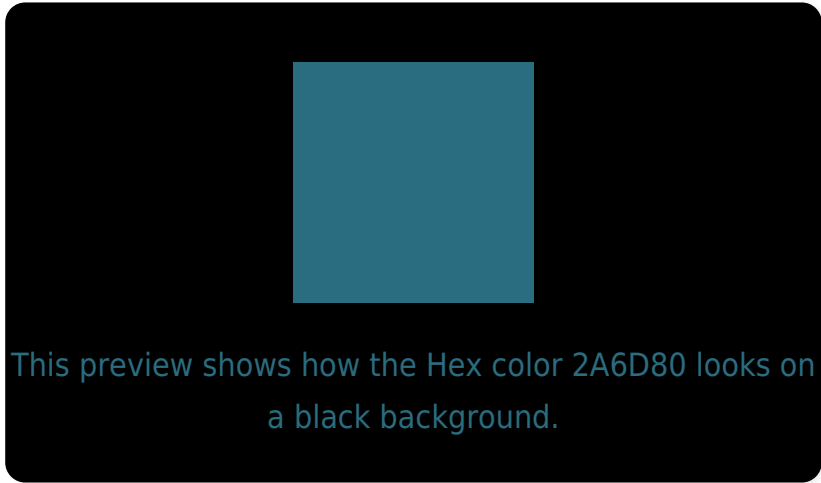
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

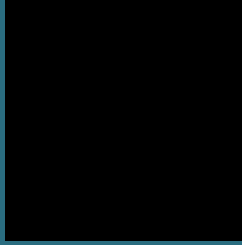
Any Text WCAG AA × Fail

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 2A6D80 Background



This preview shows how black text looks on a background with the Hex color 2A6D80.

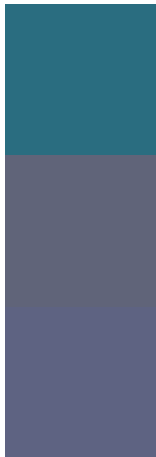


This preview shows how white text looks on a background with the Hex color 2A6D80.

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
2A6D80

Protanopia
606479

Deuteranopia
5E6382



Tritanopia
256E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6D80 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 #2A6D80 looks like.

```
.text, #text, p{  
    color:#2A6D80  
}
```

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 #2A6D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6D80
}
```

Border

The CSS property to change the border of an element to Hex 2A6D80 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
#2A6D80 }
```

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

```
.border{ border-color:#2A6D80 }
```

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

Here you see how a box with a 4 pixel #2A6D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6D80; -webkit-box-shadow:4px 4px  
4px 4px #2A6D80; box-shadow:4px 4px 4px  
4px #2A6D80 }
```

Background

The CSS property to change the background color of an element to Hex 2A6D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6D80 }
```

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

```
.background{ background-color:#2A6D80 }
```

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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