

Converting Colors

Hex(2A6B8A)

Have a look what the booklet for
Hex(2A6B8A) contains.

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Color

Hex(2A6B8A)

Conversions

Conversions Part 1

Format	Color
Hex	2A6B8A
RGB	42, 107, 138
RGB Percent	16%, 42%, 54%
CMY	0.8353, 0.5804, 0.4588
CMYK	0.70, 0.22, 0.00, 0.46
HSL	199°, 53%, 35%
HSV	199°, 70%, 54%
XYZ	10.8000, 12.8426, 25.9544
YIQ	91.0990, -48.6910, -4.1390

Conversions

Conversions Part 2

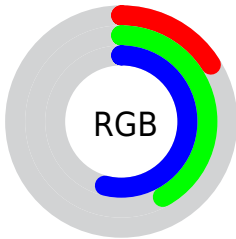
Format	Color
R _Y B	42, 81, 138
Decimal	2780042
CIE Lab	42.53, -10.09, -23.10
CIE LCh	43, 25.208, 246.412
Yxy	12.8426, 0.2178, 0.2589
Android (android.graphics.Color)	4280970122 (0xFF2A6B8A)
YUV	91.0990, 23.1222, -43.0598
Hunter-Lab	35.8366, -8.9199, -17.8548

Details

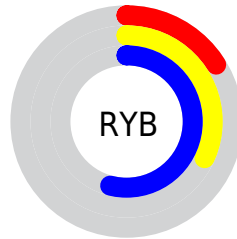
The Hex color **2A6B8A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8A492A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **639EC0**, and **003C58** is the 20% darker color. If you saturate the color by 10%, you get **1C678A**, and if you desaturate by 10%, it is **386F8A**.

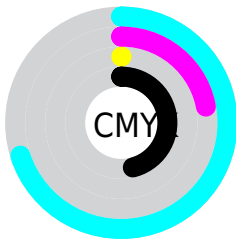
Distribution



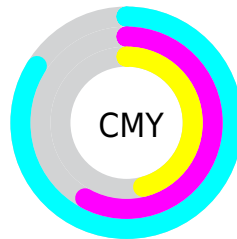
- Red (16%)
- Green (42%)
- Blue (54%)



- Red (16%)
- Yellow (32%)
- Blue (54%)



- Cyan (70%)
- Magenta (22%)
- Yellow (0%)
- Black (46%)



- Cyan (84%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6B8A 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 2A6B8A by changing the saturation by 10% instead.

■ 2A6B8A

■ 2A6B8A

FFFFFF

■ 005370

■ 639EC0

■ 003C58

■ 7FB9DB

■ 002640

■ 9BD5F8

■ 00122A

■ B7F1FF

■ 000115

■ D4FFFF

■ 000000

■ F1FFFF

■ 2A6B8A

■ 2A6B8A

■ 1C678A

■ 386F8A

■ 0E628A

■ 46748A

■ 015E8A

■ 53788A

■ 005D8A

■ 617D8A

■ 6F818A

■ 7D868A

■ 8B8A8A

■ 988F8A

■ A6938A

Harmonies

Analogous

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



0F6F7C



2A6B8A



4E658D

Triad

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



2A6B8A



8C5461



576A42

Complementary

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



2A6B8A



8A492A

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.



6E653B



2A6B8A



8B574D

Square

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



2A6B8A



825775



805D3F



3E6E53

Rectangle

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



2A6B8A



63608A



805D3F



5F693E

Sweetspot

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



2A6B8A



8DA6B3



2A8A48



435259



D9D9D9



595959

Same Dimension

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



2A6B8A



1E83B3



2A3C8A



3E4345



005A85



000305

Inverse Universe

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



8A2A6B



B31E83



8A782A



453E43



85005A



050003

Previews

White Background



This preview shows how the Hex color 2A6B8A looks on a white background.

Color Contrast Check

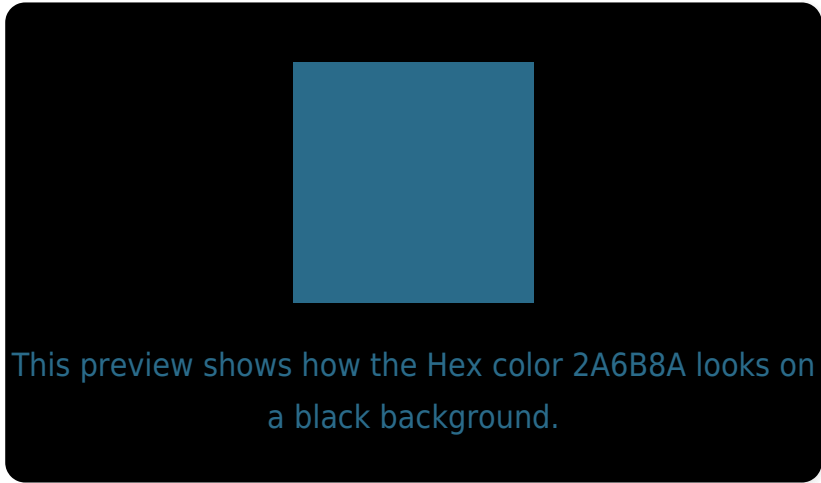
Large Text (above 18pt) WCAG AA ✓ Pass

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

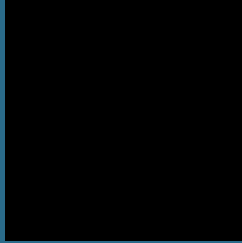
Any Text WCAG AA × Fail

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 2A6B8A Background



This preview shows how black text looks on a background with the Hex color 2A6B8A.



This preview shows how white text looks on a background with the Hex color 2A6B8A.

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
1D6E77

Trichromacy



Original Color
2A6B8A

Protanomaly
496686

Deuteranomaly
46668B

Tritanomaly
226D7E

Monochromacy



Original Color
2A6B8A

Achromatopsia
5B5B5B

Achromatomaly
49616C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6B8A 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 #2A6B8A looks like.

```
.text, #text, p{  
    color:#2A6B8A  
}
```

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 #2A6B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6B8A
}
```

Border

The CSS property to change the border of an element to Hex 2A6B8A 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
#2A6B8A }
```

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

```
.border{ border-color:#2A6B8A }
```

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

Here you see how a box with a 4 pixel #2A6B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6B8A; -webkit-box-shadow:4px 4px  
4px 4px #2A6B8A; box-shadow:4px 4px 4px  
4px #2A6B8A }
```

Background

The CSS property to change the background color of an element to Hex 2A6B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6B8A }
```

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

```
.background{ background-color:#2A6B8A }
```

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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