

Converting Colors

Hex(2B6A8C)

Have a look what the booklet for
Hex(2B6A8C) contains.

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Color

Hex(2B6A8C)

Conversions

Conversions Part 1

Format	Color
Hex	2B6A8C
RGB	43, 106, 140
RGB Percent	17%, 42%, 55%
CMY	0.8314, 0.5843, 0.4510
CMYK	0.69, 0.24, 0.00, 0.45
HSL	201°, 53%, 36%
HSV	201°, 69%, 55%
XYZ	10.8839, 12.7151, 26.6916
YIQ	91.0390, -48.4620, -2.7820

Conversions

Conversions Part 2

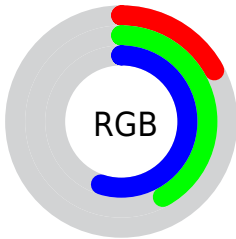
Format	Color
R_YB	43, 81, 140
Decimal	2845324
CIE _{Lab}	42.33, -8.62, -24.60
CIE _{LCh}	42, 26.068, 250.681
Yxy	12.7151, 0.2164, 0.2528
Android (android.graphics.Color)	4281035404 (0xFF2B6A8C)
YUV	91.0390, 24.1378, -42.1302
Hunter-Lab	35.6583, -7.9186, -19.4200

Details

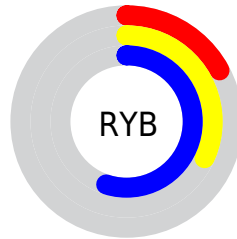
The Hex color **2B6A8C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C4D2B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **649DC2**, and **003B5A** is the 20% darker color. If you saturate the color by 10%, you get **1D658C**, and if you desaturate by 10%, it is **396F8C**.

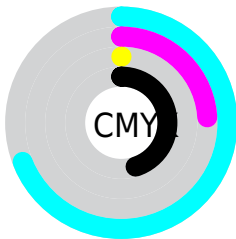
Distribution



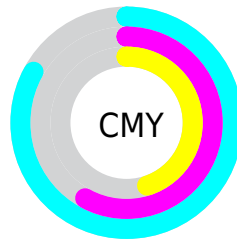
- Red (17%)
- Green (42%)
- Blue (55%)



- Red (17%)
- Yellow (32%)
- Blue (55%)



- Cyan (69%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (83%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6A8C 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 2B6A8C by changing the saturation by 10% instead.

 2B6A8C

 2B6A8C

FFFFFF

 005272

 649DC2

 003B5A

 80B8DE

 002542

 9CD4FA

 00112C

 B8F0FF

 000117

 D5FFFF

 000000

 F2FFFF

 2B6A8C

 2B6A8C

 1D658C

 396F8C

0F608C

47748C

015B8C

55798C

005B8C

637E8C

71838C

7F878C

8D8C8C

9B918C

A9968C

Harmonies

Analogous

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



026E7F



2B6A8C



51638E

Triad

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



2B6A8C



8E535D



536B43

Complementary

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



2B6A8C



8C4D2B

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.



6A6539



2B6A8C



8B5749

Square

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



2B6A8C



855573



7E5E3C



386E55

Rectangle

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



2B6A8C



675E89



7E5E3C



5B693E

Sweetspot

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



2B6A8C



8FA8B5



2B8C4D



45545C



DBDBDB



5C5C5C

Same Dimension

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



2B6A8C



1F80B5



2B3A8C



3E4245



005685



000305

Inverse Universe

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



8C2B6A



B51F80



8C7D2B



453E42



850056



050003

Previews

White Background



This preview shows how the Hex color 2B6A8C looks on a white background.

Color Contrast Check

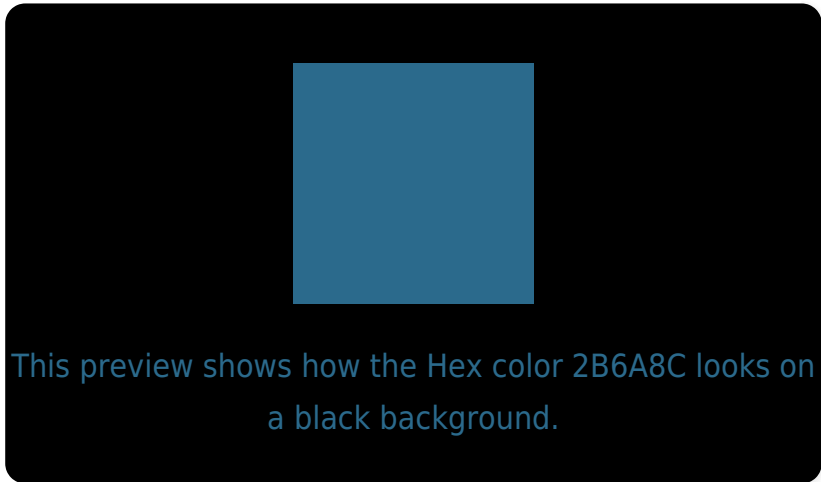
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B6A8C Background



This preview shows how black text looks on a background with the Hex color 2B6A8C.



This preview shows how white text looks on a background with the Hex color 2B6A8C.

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](#).

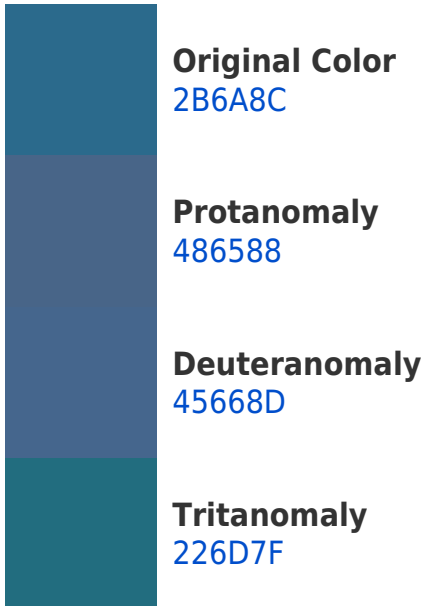
Dichromacy





Tritanopia
1D6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6A8C 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 #2B6A8C looks like.

```
.text, #text, p{  
    color:#2B6A8C  
}
```

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 #2B6A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6A8C
}
```

Border

The CSS property to change the border of an element to Hex 2B6A8C 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
#2B6A8C }
```

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

```
.border{ border-color:#2B6A8C }
```

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

Here you see how a box with a 4 pixel #2B6A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6A8C; -webkit-box-shadow:4px 4px  
4px 4px #2B6A8C; box-shadow:4px 4px 4px  
4px #2B6A8C }
```

Background

The CSS property to change the background color of an element to Hex 2B6A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6A8C }
```

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

```
.background{ background-color:#2B6A8C }
```

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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