

# Converting Colors

Hex(2A628B)

Have a look what the booklet for  
Hex(2A628B) contains.

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# Color

**Hex(2A628B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A628B
RGB	42, 98, 139
RGB Percent	16%, 38%, 55%
CMY	0.8353, 0.6157, 0.4549
CMYK	0.70, 0.29, 0.00, 0.45
HSL	205°, 54%, 35%
HSV	205°, 70%, 55%
XYZ	9.9827, 11.0917, 26.0409
YIQ	85.9300, -46.5370, 0.8790

# Conversions

## Conversions Part 2

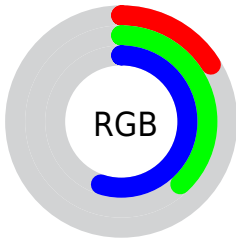
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	42, 78, 139
Decimal	2777739
CIE Lab	39.73, -4.33, -28.05
CIE LCh	40, 28.383, 261.229
Yxy	11.0917, 0.2119, 0.2354
Android (android.graphics.Color)	4280967819 (0xFF2A628B)
YUV	85.9300, 26.1635, -38.5266
Hunter-Lab	33.3042, -4.7780, -23.0465

# Details

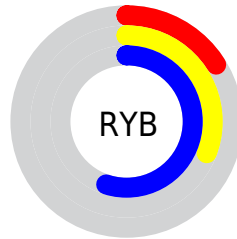
The Hex color **2A628B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B532A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6395C1**, and **003459** is the 20% darker color. If you saturate the color by 10%, you get **1C5C8B**, and if you desaturate by 10%, it is **38688B**.

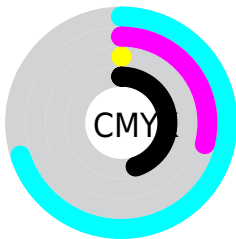
# Distribution



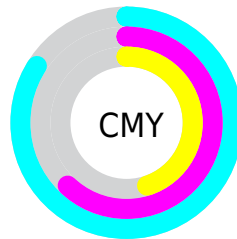
- Red (16%)
- Green (38%)
- Blue (55%)



- Red (16%)
- Yellow (31%)
- Blue (55%)



- Cyan (70%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (62%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A628B 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 2A628B by changing the saturation by 10% instead.



■ 2A628B

■ 2A628B

FFFFFF

■ 004A71

■ 6395C1

■ 003459

■ 7FAFDD

■ 001F41

■ 9ACAF9

■ 00032B

■ B7E7FF

■ 000115

■ D3FFFF

■ 000000

■ F1FFFF

■ 2A628B

■ 2A628B

■ 1C5C8B

■ 38688B

■ 0E568B

■ 466E8B

■ 00508B

■ 54748B

■ 627A8B

■ 6F7F8B

■ 7D858B

■ 8B8B8B

■ 99918B

■ A7978B

# Harmonies

## Analogous

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



006781



2A628B



565A89

# Triad

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



2A628B



8A4C4E



416740

# Complementary

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



2A628B



8B532A

# 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.



5C6131



2A628B



83523A

# Square

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



2A628B



864C65



725A2F



1D6956

# Rectangle

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



2A628B



6B5481



725A2F



4A653A



# Sweetspot

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



2A628B



8FA5B5



2A8B52



45525C



DBDBDB



5C5C5C



# Same Dimension

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



2A628B



1D75B5



2A328B



3E4245



004D85



000305



# Inverse Universe

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



8B2A62



B51D75



8B832A



453E42



85004D



050003



# Previews

## White Background



This preview shows how the Hex color 2A628B looks on a white background.

### Color Contrast Check

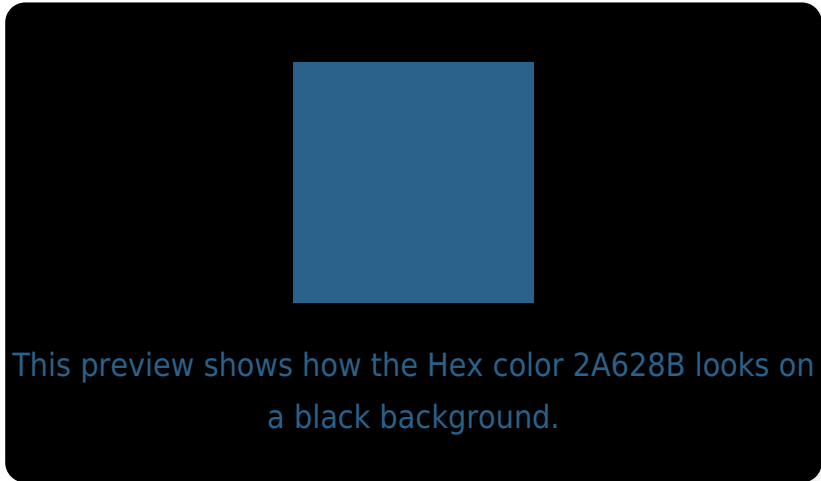
Large Text (above 18pt) WCAG AA ✓ Pass

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

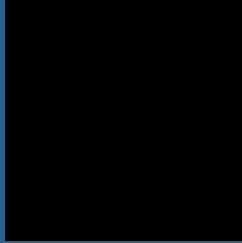
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2A628B Background



This preview shows how black text looks on a background with the Hex color 2A628B.



This preview shows how white text looks on a background with the Hex color 2A628B.

# 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](#).

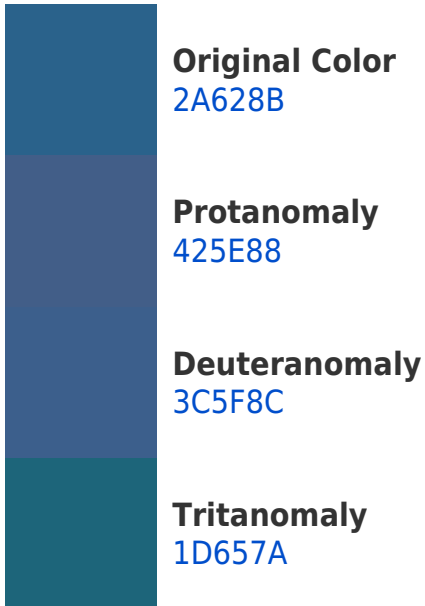
## Dichromacy



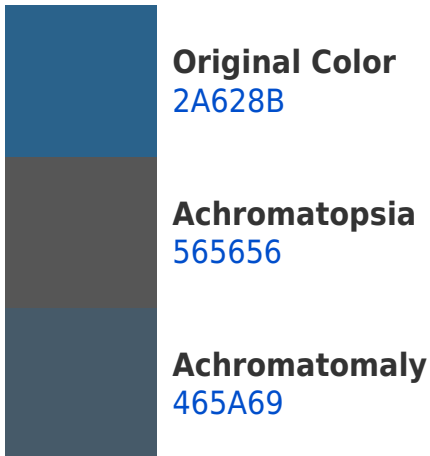


**Tritanopia**  
156770

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A628B 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 #2A628B looks like.

```
.text, #text, p{  
    color:#2A628B  
}
```

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 #2A628B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A628B
}
```

## Border

The CSS property to change the border of an element to Hex 2A628B 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
#2A628B }
```

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

```
.border{ border-color:#2A628B }
```

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

Here you see how a box with a 4 pixel #2A628B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A628B; -webkit-box-shadow:4px 4px  
4px 4px #2A628B; box-shadow:4px 4px 4px  
4px #2A628B }
```

# Background

The CSS property to change the background color of an element to Hex 2A628B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A628B }
```

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

```
.background{ background-color:#2A628B }
```

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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