

Converting Colors

Hex(2A628E)

Have a look what the booklet for
Hex(2A628E) contains.

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Color

Hex(2A628E)

Conversions

Conversions Part 1

Format	Color
Hex	2A628E
RGB	42, 98, 142
RGB Percent	16%, 38%, 56%
CMY	0.8353, 0.6157, 0.4431
CMYK	0.70, 0.31, 0.00, 0.44
HSL	206°, 54%, 36%
HSV	206°, 70%, 56%
XYZ	10.2050, 11.1806, 27.2114
YIQ	86.2720, -47.5000, 1.8120

Conversions

Conversions Part 2

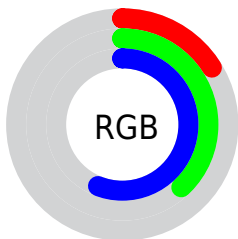
Format	Color
RYB	42, 78, 142
Decimal	2777742
CIELab	39.88, -3.23, -29.63
CIELCh	40, 29.803, 263.778
Yxy	11.1806, 0.2100, 0.2301
Android (android.graphics.Color)	4280967822 (0xFF2A628E)
YUV	86.2720, 27.4739, -38.8265
Hunter-Lab	33.4374, -4.0377, -24.8441

Details

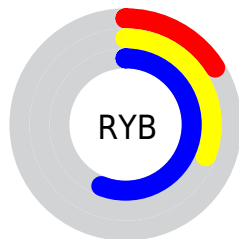
The Hex color **2A628E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E562A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6494C4**, and **00345B** is the 20% darker color. If you saturate the color by 10%, you get **1C5C8E**, and if you desaturate by 10%, it is **38688E**.

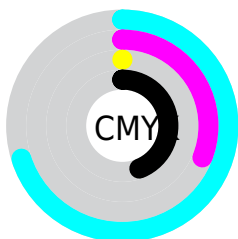
Distribution



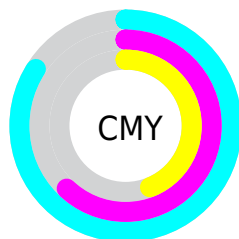
- Red (16%)
- Green (38%)
- Blue (56%)



- Red (16%)
- Yellow (31%)
- Blue (56%)



- Cyan (70%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A628E 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 2A628E by changing the saturation by 10% instead.

■ 2A628E

■ 2A628E

FFFFFF

■ 004A74

■ 6494C4

■ 00345B

■ 7FAFE0

■ 001F44

■ 9BCAFD

■ 00032D

■ B7E6FF

■ 000118

■ D4FFFF

■ 000000

■ F1FFFF

■ 2A628E

■ 2A628E

■ 1C5C8E

■ 38688E

■ 0E568E

■ 466E8E

■ 00508E

■ 55758E

■ 637B8E

■ 71818E

■ 7F878E

■ 8D8E8E

■ 9C948E

■ AA9A8E

Harmonies

Analogous

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



006885



2A628E



585A8A

Triad

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



2A628E



8C4B4C



3D6840

Complementary

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



2A628E



8E562A

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.



5A6230



2A628E



835238

Square

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



2A628E



894B64



715B2D



116A58

Rectangle

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



2A628E



6F5381



715B2D



47663A

Sweetspot

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



2A628E



91A7B8



2A8E55



45525C



DBDBDB



5C5C5C

Same Dimension

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



2A628E



1C73B8



2A318E



404447



004C87



000408

Inverse Universe

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



8E2A62



B81C73



8E872A



474044



87004C



080004

Previews

White Background



This preview shows how the Hex color 2A628E looks on a white background.

Color Contrast Check

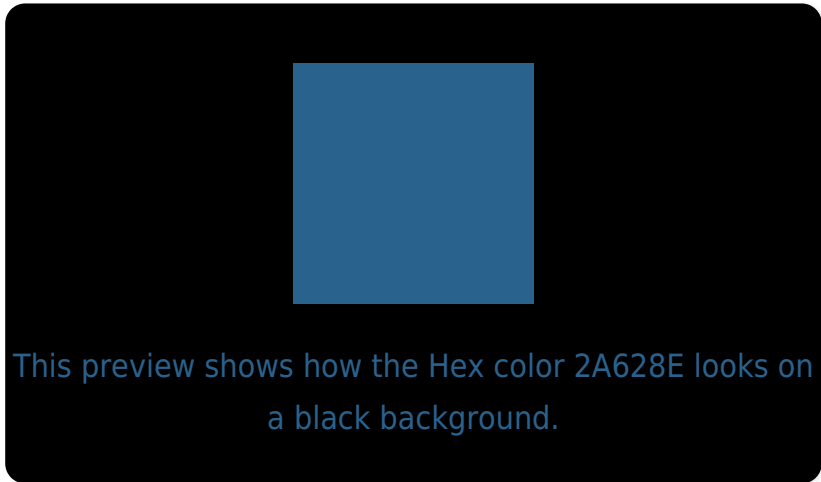
Large Text (above 18pt) WCAG AA ✓ Pass

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

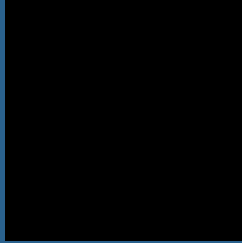
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

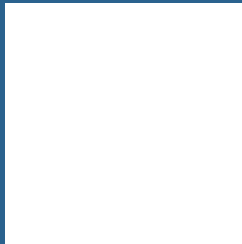
Any Text WCAG AAA × Fail

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

Hex 2A628E Background



This preview shows how black text looks on a background with the Hex color 2A628E.

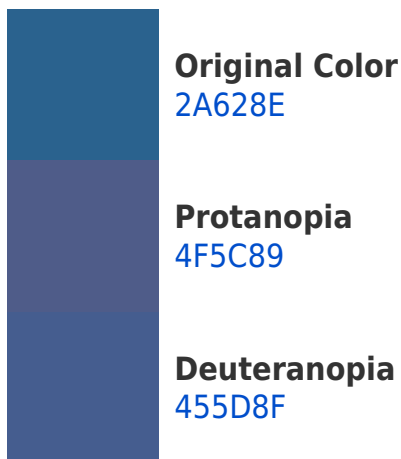


This preview shows how white text looks on a background with the Hex color 2A628E.

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](#).

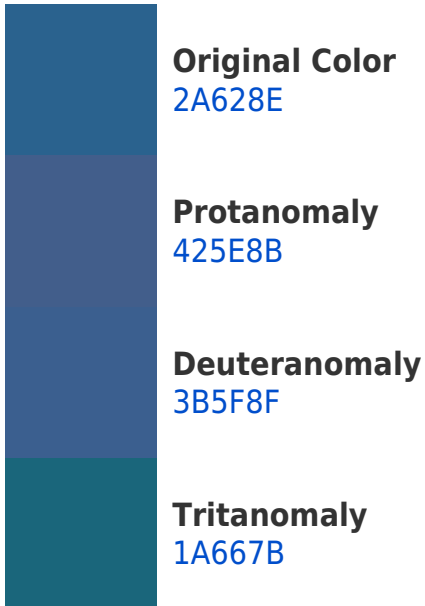
Dichromacy



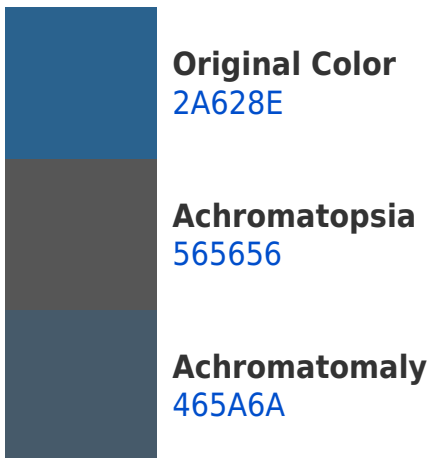


Tritanopia
116870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A628E 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 #2A628E looks like.

```
.text, #text, p{  
    color:#2A628E  
}
```

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 #2A628E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A628E
}
```

Border

The CSS property to change the border of an element to Hex 2A628E 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
#2A628E }
```

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

```
.border{ border-color:#2A628E }
```

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

Here you see how a box with a 4 pixel #2A628E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A628E; -webkit-box-shadow:4px 4px  
4px 4px #2A628E; box-shadow:4px 4px 4px  
4px #2A628E }
```

Background

The CSS property to change the background color of an element to Hex 2A628E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A628E }
```

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

```
.background{ background-color:#2A628E }
```

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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