

Converting Colors

Hex(2A82A6)

Have a look what the booklet for
Hex(2A82A6) contains.

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Color

Hex(2A82A6)

Conversions

Conversions Part 1

Format	Color
Hex	2A82A6
RGB	42, 130, 166
RGB Percent	16%, 51%, 65%
CMY	0.8353, 0.4902, 0.3490
CMYK	0.75, 0.22, 0.00, 0.35
HSL	197°, 60%, 41%
HSV	197°, 75%, 65%
XYZ	15.8204, 19.2107, 38.9506
YIQ	107.7920, -64.0040, -7.4600

Conversions

Conversions Part 2

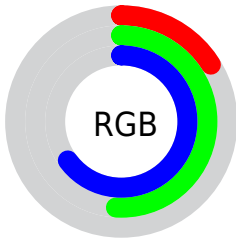
Format	Color
R_{YB}	42, 93, 166
Decimal	2785958
CIE _{Lab}	50.93, -13.46, -26.57
CIE _{LCh}	51, 29.790, 243.133
Yxy	19.2107, 0.2138, 0.2597
Android (android.graphics.Color)	4280976038 (0xFF2A82A6)
YUV	107.7920, 28.6965, -57.6996
Hunter-Lab	43.8300, -12.2730, -22.0085

Details

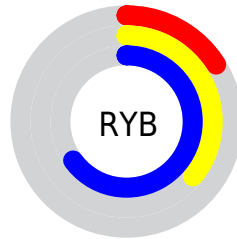
The Hex color **2A82A6** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A64E2A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **69B7DD**, and **005172** is the 20% darker color. If you saturate the color by 10%, you get **197DA6**, and if you desaturate by 10%, it is **3B87A6**.

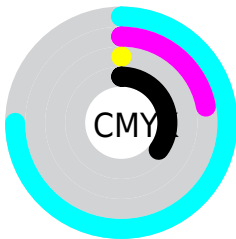
Distribution



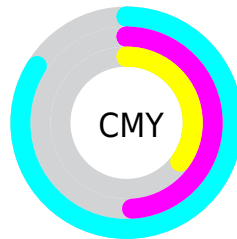
- Red (16%)
- Green (51%)
- Blue (65%)



- Red (16%)
- Yellow (36%)
- Blue (65%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A82A6 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 2A82A6 by changing the saturation by 10% instead.

■ 2A82A6

■ 2A82A6

FFFFFF

■ 00698C

■ 69B7DD

■ 005172

■ 86D3FA

■ 003A59

■ A3EFFF

■ 002442

■ C0FFFF

■ 000A2C

■ DEFFFF

■ 000116

■ FCFFFF

■ 000000

■ 2A82A6

■ 2A82A6

■ 197DA6

■ 3B87A6

0978A6

4B8CA6

0076A6

5C90A6

6C95A6

7D9AA6

8E9FA6

9EA4A6

AFA9A6

BFADA6

Harmonies

Analogous

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



038694



2A82A6



597BAC

Triad

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



2A82A6



A96578



6D804E

Complementary

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



2A82A6



A64E2A

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.



877946



2A82A6



A9685F

Square

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



2A82A6



9C6991



9D704D



4E8561

Rectangle

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



2A82A6



7475A8



9D704D



767E4A

Sweetspot

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



2A82A6



A9CBD9



2AA64D



51656E



EDEDED



6E6E6E

Same Dimension

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



2A82A6



16A0D9



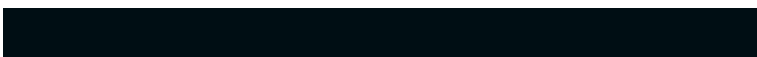
2A45A6



4C5254



006994



000E14

Inverse Universe

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



A62A82



D916A0



A68B2A



544C52



940069



14000E

Previews

White Background



This preview shows how the Hex color 2A82A6 looks on a white background.

Color Contrast Check

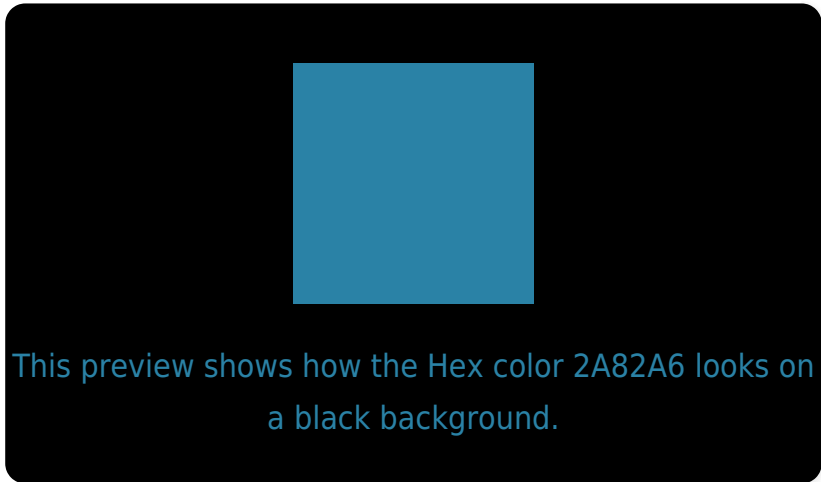
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

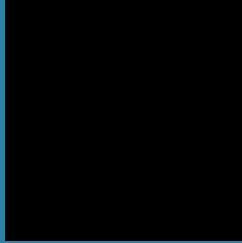
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2A82A6 Background



This preview shows how black text looks on a background with the Hex color 2A82A6.

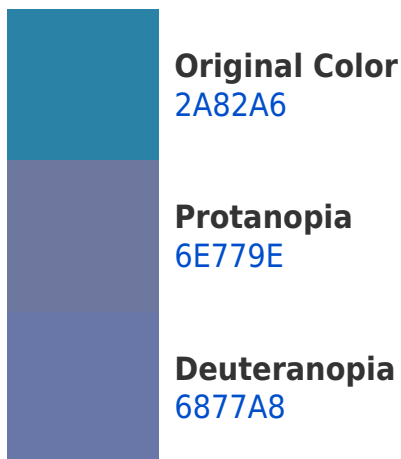


This preview shows how white text looks on a background with the Hex color 2A82A6.

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](#).

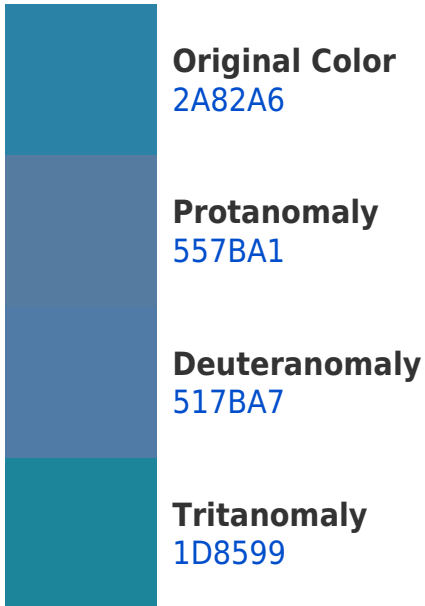
Dichromacy



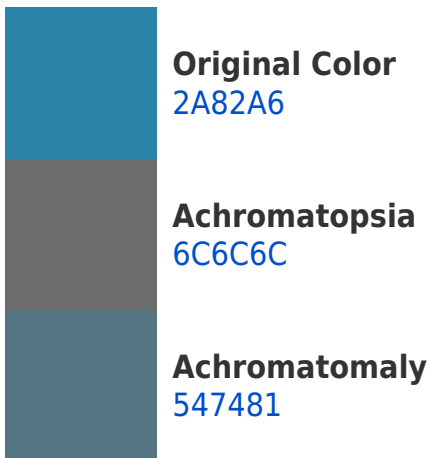


Tritanopia
158691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A82A6 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 #2A82A6 looks like.

```
.text, #text, p{  
    color:#2A82A6  
}
```

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 #2A82A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A82A6  
}
```

Border

The CSS property to change the border of an element to Hex 2A82A6 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  
#2A82A6 }
```

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

```
.border{ border-color:#2A82A6 }
```

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

Here you see how a box with a 4 pixel #2A82A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A82A6; -webkit-box-shadow:4px 4px  
4px 4px #2A82A6; box-shadow:4px 4px 4px  
4px #2A82A6 }
```

Background

The CSS property to change the background color of an element to Hex 2A82A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A82A6 }
```

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

```
.background{ background-color:#2A82A6 }
```

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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