

Converting Colors

Hex(2A98C8)

Have a look what the booklet for
Hex(2A98C8) contains.

Hex(2A98C8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A98C8)

Conversions

Conversions Part 1

Format	Color
Hex	2A98C8
RGB	42, 152, 200
RGB Percent	16%, 60%, 78%
CMY	0.8353, 0.4039, 0.2157
CMYK	0.79, 0.24, 0.00, 0.22
HSL	198°, 65%, 47%
HSV	198°, 79%, 78%
XYZ	22.6084, 27.1188, 58.6865
YIQ	124.5820, -80.9680, -8.3920

Conversions

Conversions Part 2

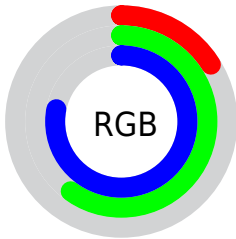
Format	Color
R _Y B	42, 107, 200
Decimal	2791624
CIE Lab	59.08, -13.84, -33.31
CIE LCh	59, 36.068, 247.437
Yxy	27.1188, 0.2085, 0.2501
Android (android.graphics.Color)	4280981704 (0xFF2A98C8)
YUV	124.5820, 37.1811, -72.4244
Hunter-Lab	52.0758, -13.6378, -30.3635

Details

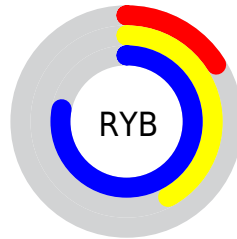
The Hex color **2A98C8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C85A2A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **70CEFF**, and **006592** is the 20% darker color. If you saturate the color by 10%, you get **1692C8**, and if you desaturate by 10%, it is **3E9EC8**.

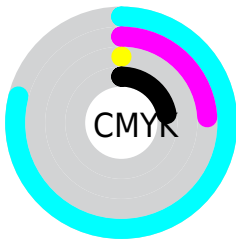
Distribution



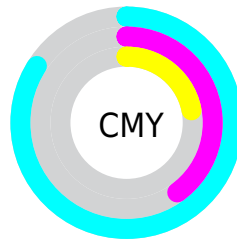
- Red (16%)
- Green (60%)
- Blue (78%)



- Red (16%)
- Yellow (42%)
- Blue (78%)



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A98C8 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 2A98C8 by changing the saturation by 10% instead.

 2A98C8

 2A98C8

FFFFFF

 007EAD

 70CEFF

 006592

 8FEAFF

 004D78

 ADFFFF

 00365F

 CBFFFF

 002147

 E9FFFF

 000430

 00011B

 000000

 2A98C8

 2A98C8

■ 1692C8

■ 3E9EC8

■ 028CC8

■ 52A4C8

■ 008BC8

■ 66AAC8

■ 7AB0C8

■ 8EB6C8

■ A2BCC8

■ B6C3C8

■ CAC9C8

■ DECFC8

Harmonies

Analogous

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



009DB4



2A98C8



6C8FCD

Triad

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



2A98C8



CB7587



79985B

Complementary

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



2A98C8



C85A2A

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.



9B8F4E



2A98C8



C87A69

Square

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



2A98C8



BC79A7



B68454



519D75

Rectangle

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



2A98C8



8D87C6



B68454



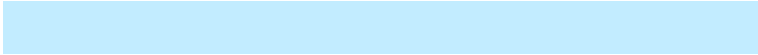
859555

Sweetspot

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



2A98C8



C2ECCF



2AC859



5B7480



000000



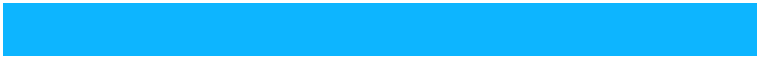
808080

Same Dimension

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



2A98C8



0DB5FF



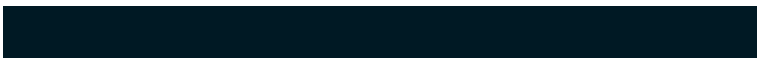
2A4AC8



5A6063



0072A3



001924

Inverse Universe

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



C82A98



FF0DB5



C8A82A



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 2A98C8 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



This preview shows how the Hex color 2A98C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

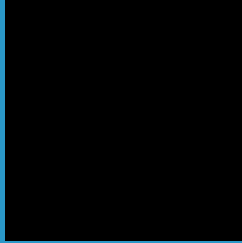
Any Text WCAG AA ✓ Pass

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 2A98C8 Background



This preview shows how black text looks on a background with the Hex color 2A98C8.



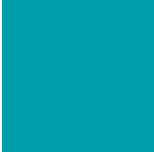
This preview shows how white text looks on a background with the Hex color 2A98C8.

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](#).

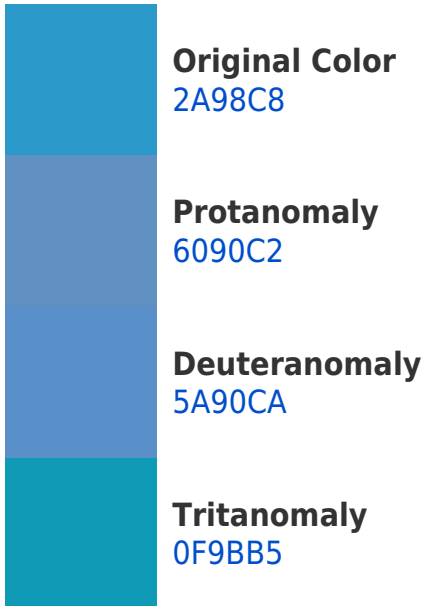
Dichromacy



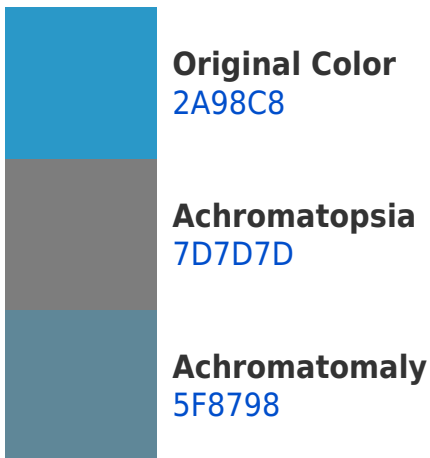


Tritanopia
009DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A98C8 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 #2A98C8 looks like.

```
.text, #text, p{  
    color:#2A98C8  
}
```

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 #2A98C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A98C8  
}
```

Border

The CSS property to change the border of an element to Hex 2A98C8 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  
#2A98C8 }
```

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

```
.border{ border-color:#2A98C8 }
```

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

Here you see how a box with a 4 pixel #2A98C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A98C8; -webkit-box-shadow:4px 4px  
4px 4px #2A98C8; box-shadow:4px 4px 4px  
4px #2A98C8 }
```

Background

The CSS property to change the background color of an element to Hex 2A98C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A98C8 }
```

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

```
.background{ background-color:#2A98C8 }
```

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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