

Converting Colors

Hex(21A8C7)

Have a look what the booklet for
Hex(21A8C7) contains.

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Color

Hex(21A8C7)

Conversions

Conversions Part 1

Format	Color
Hex	21A8C7
RGB	33, 168, 199
RGB Percent	13%, 66%, 78%
CMY	0.8706, 0.3412, 0.2196
CMYK	0.83, 0.16, 0.00, 0.22
HSL	191°, 72%, 45%
HSV	191°, 83%, 78%
XYZ	24.9386, 32.4521, 58.9823
YIQ	131.1690, -90.4110, -18.9790

Conversions

Conversions Part 2

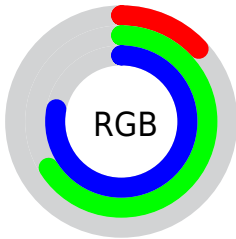
Format	Color
RYB	33, 107, 199
Decimal	2205895
CIELab	63.71, -23.50, -25.60
CIElCh	64, 34.749, 227.444
Yxy	32.4521, 0.2143, 0.2789
Android (android.graphics.Color)	4280395975 (0xFF21A8C7)
YUV	131.1690, 33.4407, -86.0942
Hunter-Lab	56.9668, -21.5490, -21.5110

Details

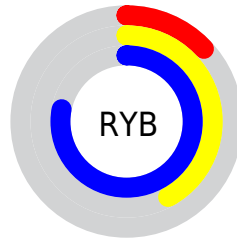
The Hex color **21A8C7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C74021**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6DDFFF**, and **007491** is the 20% darker color. If you saturate the color by 10%, you get **0DA4C7**, and if you desaturate by 10%, it is **35ACC7**.

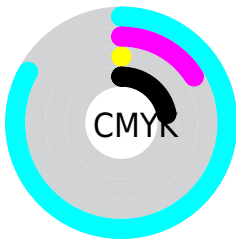
Distribution



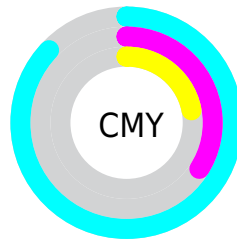
- Red (13%)
- Green (66%)
- Blue (78%)



- Red (13%)
- Yellow (42%)
- Blue (78%)



- Cyan (83%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (87%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A8C7 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 21A8C7 by changing the saturation by 10% instead.

 21A8C7

 21A8C7

FFFFFF

 008DAC

 6DDFFF

 007491

 8CFcff

 005B77

 ABFFFF

 00435E

 C9FFFF

 002C47

 E8FFFF

 001830

 00011B

 000000

 21A8C7

 21A8C7

0DA4C7

35ACC7

00A2C7

49AFC7

5DB3C7

71B7C7

85BBC7

98BEC7

ACC2C7

C0C6C7

D4C9C7

Harmonies

Analogous

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



26ABAC



21A8C7



57A1D6

Triad

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



21A8C7



CE84A9



9D9E5E

Complementary

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



21A8C7



C74021

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.



BA945E



21A8C7



D78389

Square

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



21A8C7



B48CC4



CF8A6E



7AA66F

Rectangle

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



21A8C7



7A9BD7



CF8A6E



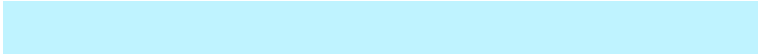
A79B5C

Sweetspot

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



21A8C7



BFF3FF



21C73F



597880



000000



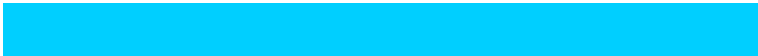
808080

Same Dimension

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



21A8C7



00CFFF



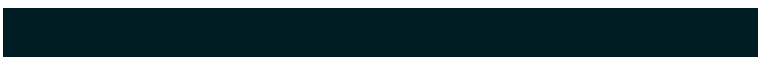
2156C7



5A6263



0085A3



001D24

Inverse Universe

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



C721A8



FF00CF



C79221



635A62



A30085



24001D

Previews

White Background



This preview shows how the Hex color 21A8C7 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21A8C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

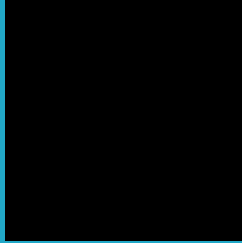
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 21A8C7 Background



This preview shows how black text looks on a background with the Hex color 21A8C7.

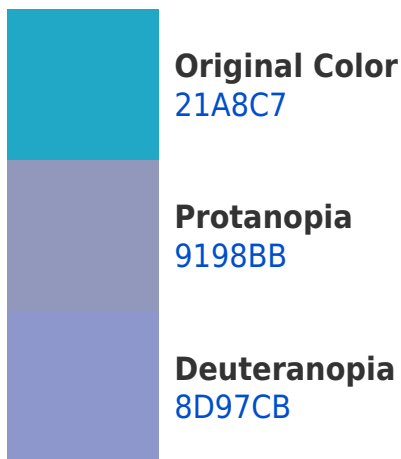


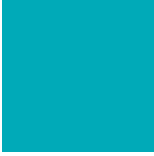
This preview shows how white text looks on a background with the Hex color 21A8C7.

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](#).

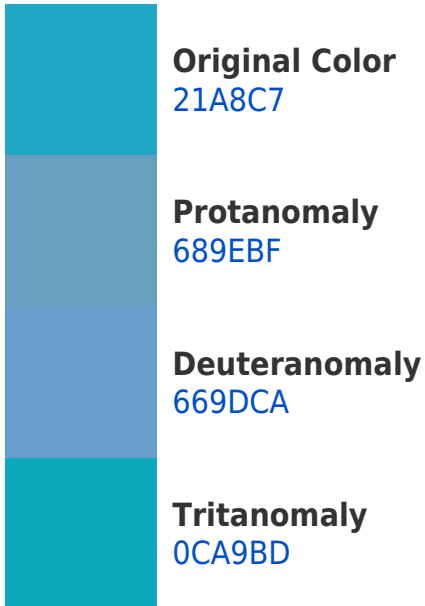
Dichromacy





Tritanopia
00AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21A8C7 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 #21A8C7 looks like.

```
.text, #text, p{  
    color:#21A8C7  
}
```

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 #21A8C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A8C7
}
```

Border

The CSS property to change the border of an element to Hex 21A8C7 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
#21A8C7 }
```

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

```
.border{ border-color:#21A8C7 }
```

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

Here you see how a box with a 4 pixel #21A8C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A8C7; -webkit-box-shadow:4px 4px  
4px 4px #21A8C7; box-shadow:4px 4px 4px  
4px #21A8C7 }
```

Background

The CSS property to change the background color of an element to Hex 21A8C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A8C7 }
```

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

```
.background{ background-color:#21A8C7 }
```

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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