

Converting Colors

Hex(21A778)

Have a look what the booklet for
Hex(21A778) contains.

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Color

Hex(21A778)

Conversions

Conversions Part 1

Format	Color
Hex	21A778
RGB	33, 167, 120
RGB Percent	13%, 65%, 47%
CMY	0.8706, 0.3451, 0.5294
CMYK	0.80, 0.00, 0.28, 0.35
HSL	159°, 67%, 39%
HSV	159°, 80%, 65%
XYZ	17.8361, 29.3168, 22.4880
YIQ	121.5760, -64.7770, -43.0250

Conversions

Conversions Part 2

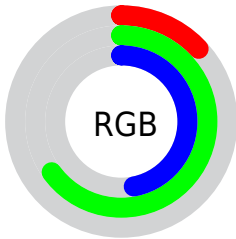
Format	Color
RYB	33, 114, 167
Decimal	2205560
CIELab	61.06, -45.90, 14.64
CIElCh	61, 48.177, 162.307
Yxy	29.3168, 0.2561, 0.4210
Android (android.graphics.Color)	4280395640 (0xFF21A778)
YUV	121.5760, -0.7770, -77.6812
Hunter-Lab	54.1450, -35.9535, 13.2767

Details

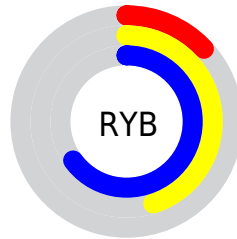
The Hex color **21A778** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A72150**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **65DFAC**, and **007247** is the 20% darker color. If you saturate the color by 10%, you get **10A772**, and if you desaturate by 10%, it is **32A77E**.

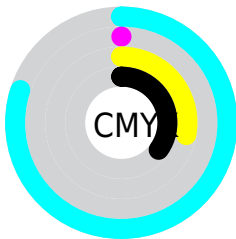
Distribution



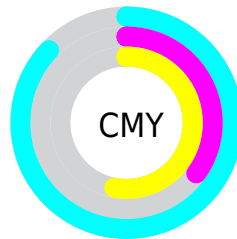
- Red (13%)
- Green (65%)
- Blue (47%)



- Red (13%)
- Yellow (45%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A778 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 21A778 by changing the saturation by 10% instead.

 21A778

 21A778

FFFFFF

 008C5F

 65DFAC

 007247

 83FCC8

 005831

 A0FFE4

 00401B


 BEFFFF

 002A02

 DBFFFF

 000700

 F9FFFF

 000000

 21A778

 21A778

 10A772

 32A77E

■ 00A76C

■ 42A784

■ 53A78A

■ 64A78F

■ 74A795

■ 85A79B

■ 96A7A1

■ A7A7A7

■ B7A7AD

Harmonies

Analogous

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



6CA152



21A778



00A9A4

Triad

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



21A778



6A92E7



DB785C

Complementary

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



21A778



A72150

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.



E36F83



21A778



AD81D3

Square

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



21A778



009FE4



D573AE



C18841

Rectangle

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



21A778



00A8C0



D573AE



E07468

Sweetspot

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



21A778



A5D9C7



52A721



4E6E62



EDEDED



6E6E6E

Same Dimension

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



21A778



09D990



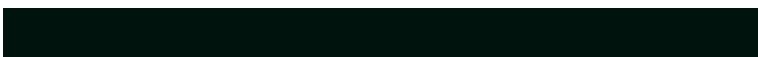
2195A7



4C5451



009460



00140D

Inverse Universe

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



A72150



D90952



A73321



544C4F



940034



140007

Previews

White Background



This preview shows how the Hex color 21A778 looks on a white background.

Color Contrast Check

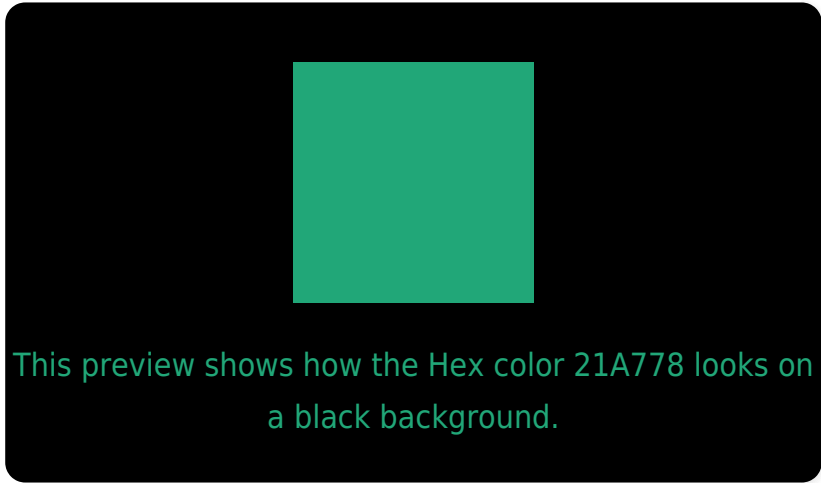
Large Text (above 18pt) WCAG AA ✓ Pass

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

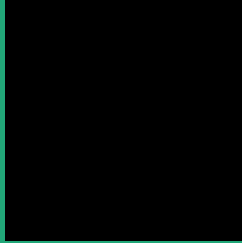
Any Text WCAG AA ✓ Pass

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 21A778 Background



This preview shows how black text looks on a background with the Hex color 21A778.

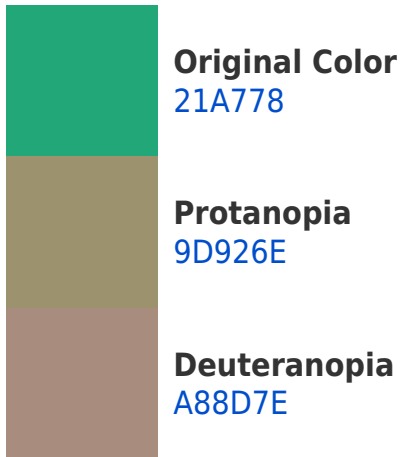


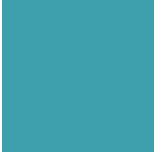
This preview shows how white text looks on a background with the Hex color 21A778.

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
3FA0AD

Trichromacy



Original Color
21A778



Protanomaly
709A72



Deuteranomaly
77967C



Tritanomaly
34A39A

Monochromacy



Original Color
21A778



Achromatopsia
7A7A7A



Achromatomaly
5A8A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A778 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 #21A778 looks like.

```
.text, #text, p{  
    color:#21A778  
}
```

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 #21A778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A778  
}
```

Border

The CSS property to change the border of an element to Hex 21A778 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  
#21A778 }
```

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

```
.border{ border-color:#21A778 }
```

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

Here you see how a box with a 4 pixel #21A778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A778; -webkit-box-shadow:4px 4px  
4px 4px #21A778; box-shadow:4px 4px 4px  
4px #21A778 }
```

Background

The CSS property to change the background color of an element to Hex 21A778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A778 }
```

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

```
.background{ background-color:#21A778 }
```

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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