

Converting Colors

Hex(21A291)

Have a look what the booklet for
Hex(21A291) contains.

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Color

Hex(21A291)

Conversions

Conversions Part 1

Format	Color
Hex	21A291
RGB	33, 162, 145
RGB Percent	13%, 64%, 57%
CMY	0.8706, 0.3647, 0.4314
CMYK	0.80, 0.00, 0.10, 0.36
HSL	172°, 66%, 38%
HSV	172°, 80%, 64%
XYZ	18.6584, 28.2083, 31.2494
YIQ	121.4910, -71.4270, -32.6350

Conversions

Conversions Part 2

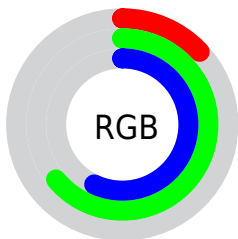
Format	Color
RYB	33, 102, 162
Decimal	2204305
CIELab	60.08, -37.33, -0.76
CIELCh	60, 37.333, 181.163
Yxy	28.2083, 0.2389, 0.3611
Android (android.graphics.Color)	4280394385 (0xFF21A291)
YUV	121.4910, 11.5899, -77.6066
Hunter-Lab	53.1115, -30.2371, 2.2934

Details

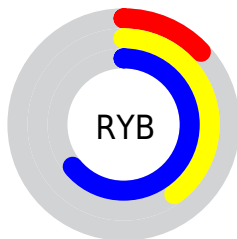
The Hex color **21A291** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A22132**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **66DAC7**, and **006D5F** is the 20% darker color. If you saturate the color by 10%, you get **11A28F**, and if you desaturate by 10%, it is **31A293**.

Distribution



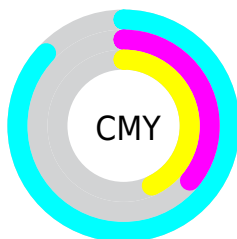
- Red (13%)
- Green (64%)
- Blue (57%)



- Red (13%)
- Yellow (40%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A291 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 21A291 by changing the saturation by 10% instead.

 21A291

 21A291

FFFFFF

 008777

 66DAC7

 006D5F

 83F6E3

 005447


 A1FFFF

 003C31

 BEFFFF

 00271C

 DCFFFF

 000102

 FAFFFF

 000000

 21A291

 21A291

 11A28F

 31A293

■ 01A28D

■ 41A295

■ 00A28D

■ 52A297

■ 62A29A

■ 72A29C

■ 82A29E

■ 92A2A0

■ A3A2A2

■ B3A2A4

Harmonies

Analogous

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



5A9F70



21A291



00A1B2

Triad

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



21A291



9688C9



BF8458

Complementary

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



21A291



A22132

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.



CE7A70



21A291



BB7CB1

Square

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



21A291



6094D2



CE7691



A48F4E

Rectangle

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



21A291



009FC3



CE7691



C6805F

Sweetspot

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



21A291



A1D4CD



32A221



4C6B67



EBEBEB



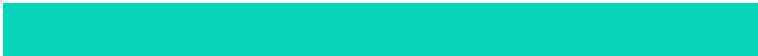
6B6B6B

Same Dimension

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



21A291



08D4B9



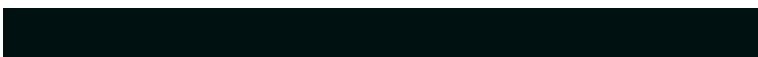
2173A2



495251



00917E



00120F

Inverse Universe

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



A22132



D40823



A25021



52494B



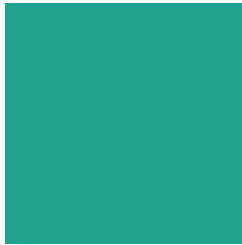
910013



120002

Previews

White Background



This preview shows how the Hex color 21A291 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 21A291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

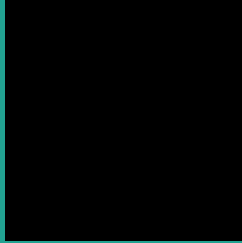
Any Text WCAG AA ✓ Pass

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 21A291 Background



This preview shows how black text looks on a background with the Hex color 21A291.

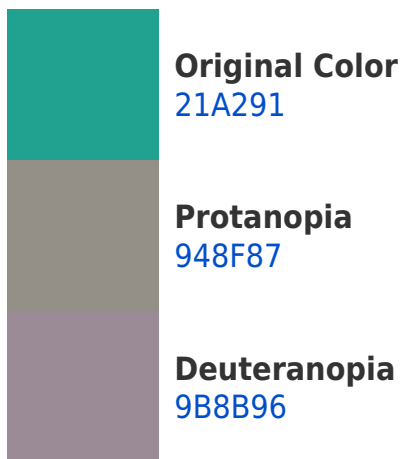


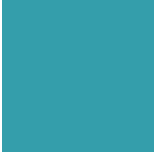
This preview shows how white text looks on a background with the Hex color 21A291.

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](#).

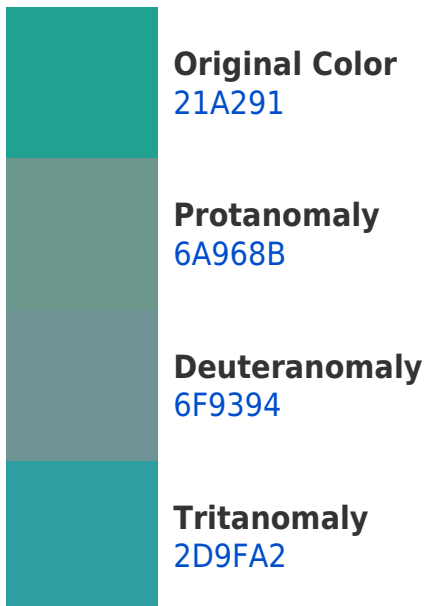
Dichromacy



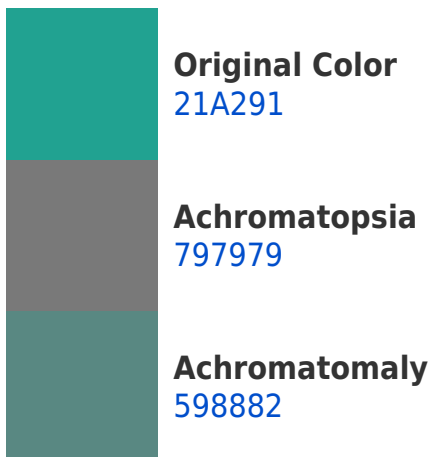


Tritanopia
349EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21A291 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 #21A291 looks like.

```
.text, #text, p{  
    color:#21A291  
}
```

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 #21A291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A291
}
```

Border

The CSS property to change the border of an element to Hex 21A291 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
#21A291 }
```

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

```
.border{ border-color:#21A291 }
```

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

Here you see how a box with a 4 pixel #21A291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A291; -webkit-box-shadow:4px 4px  
4px 4px #21A291; box-shadow:4px 4px 4px  
4px #21A291 }
```

Background

The CSS property to change the background color of an element to Hex 21A291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A291 }
```

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

```
.background{ background-color:#21A291 }
```

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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