

Converting Colors

Hex(21A49D)

Have a look what the booklet for
Hex(21A49D) contains.

Hex(21A49D)	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(21A49D)

Conversions

Conversions Part 1

Format	Color
Hex	21A49D
RGB	33, 164, 157
RGB Percent	13%, 64%, 62%
CMY	0.8706, 0.3569, 0.3843
CMYK	0.80, 0.00, 0.04, 0.36
HSL	177°, 66%, 39%
HSV	177°, 80%, 64%
XYZ	19.9885, 29.3086, 36.5019
YIQ	124.0330, -75.8290, -29.9490

Conversions

Conversions Part 2

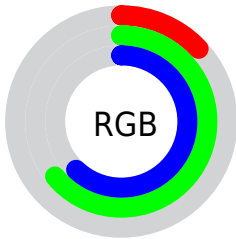
Format	Color
RYB	33, 100, 164
Decimal	2204829
CIELab	61.05, -34.79, -6.09
CIELCh	61, 35.315, 189.924
Yxy	29.3086, 0.2330, 0.3416
Android (android.graphics.Color)	4280394909 (0xFF21A49D)
YUV	124.0330, 16.2527, -79.8359
Hunter-Lab	54.1374, -28.8352, -2.0799

Details

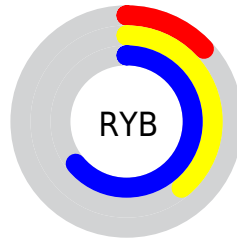
The Hex color **21A49D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A42128**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **67DCD3**, and **006F6A** is the 20% darker color. If you saturate the color by 10%, you get **11A49C**, and if you desaturate by 10%, it is **31A49E**.

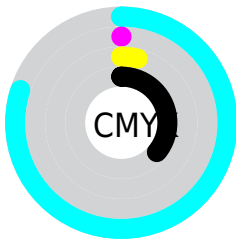
Distribution



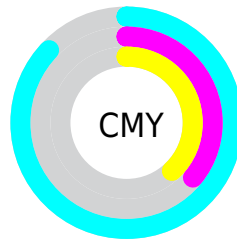
- Red (13%)
- Green (64%)
- Blue (62%)



- Red (13%)
- Yellow (39%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A49D 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 21A49D by changing the saturation by 10% instead.

 21A49D

 21A49D

FFFFFF

 008983

 67DCD3

 006F6A

 85F8F0

 005652

 A3FFFF

 003E3B

 C0FFFF

 002825

 DEFFFF

 000811

FDFFFF

 000000

 21A49D

 21A49D

 11A49C

 31A49E

00A49B

42A49F

52A4A0

63A4A1

73A4A1

83A4A2

94A4A3

A4A4A4

B5A4A5

Harmonies

Analogous

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



54A27D



21A49D



00A2BA

Triad

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



21A49D



A487C3



B98A59

Complementary

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



21A49D



A42128

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.



CC806D



21A49D



C37EA9

Square

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



21A49D



7793D1



D07B8A



9D9555

Rectangle

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



21A49D



269FC9



D07B8A



C1875E

Sweetspot

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



21A49D



A3D6D3



2AA421



4C6B69



EBEBEB



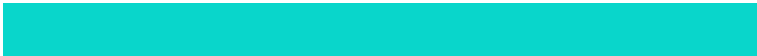
6B6B6B

Same Dimension

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



21A49D



09D6CB



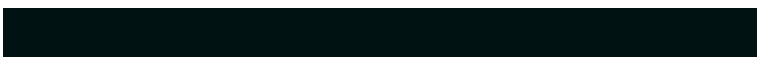
216BA4



495251



00918A



001211

Inverse Universe

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



A42128



D60914



A45A21



52494A



910008



120001

Previews

White Background



This preview shows how the Hex color 21A49D 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 21A49D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

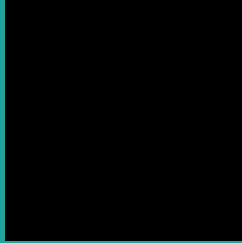
Any Text WCAG AA ✓ Pass

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 21A49D Background



This preview shows how black text looks on a background with the Hex color 21A49D.

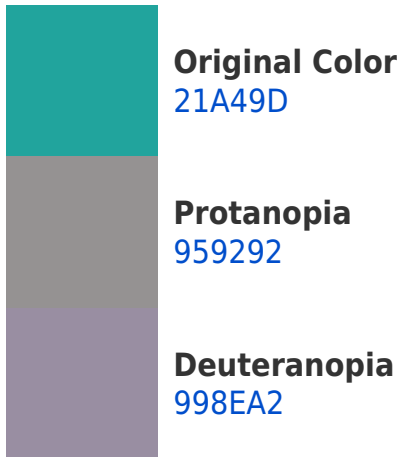


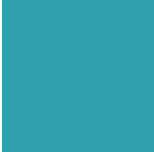
This preview shows how white text looks on a background with the Hex color 21A49D.

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
2FA1AE

Trichromacy



Original Color
21A49D



Protanomaly
6B9996



Deuteranomaly
6D96A0



Tritanomaly
2AA2A8

Monochromacy



Original Color
21A49D



Achromatopsia
7C7C7C



Achromatomaly
5B8B88

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A49D 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 #21A49D looks like.

```
.text, #text, p{  
    color:#21A49D  
}
```

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 #21A49D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A49D
}
```

Border

The CSS property to change the border of an element to Hex 21A49D 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
#21A49D }
```

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

```
.border{ border-color:#21A49D }
```

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

Here you see how a box with a 4 pixel #21A49D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A49D; -webkit-box-shadow:4px 4px  
4px 4px #21A49D; box-shadow:4px 4px 4px  
4px #21A49D }
```

Background

The CSS property to change the background color of an element to Hex 21A49D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A49D }
```

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

```
.background{ background-color:#21A49D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor