

Converting Colors

Hex(21A5A2)

Have a look what the booklet for
Hex(21A5A2) contains.

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Color

Hex(21A5A2)

Conversions

Conversions Part 1

Format	Color
Hex	21A5A2
RGB	33, 165, 162
RGB Percent	13%, 65%, 64%
CMY	0.8706, 0.3529, 0.3647
CMYK	0.80, 0.00, 0.02, 0.35
HSL	179°, 67%, 39%
HSV	179°, 80%, 65%
XYZ	20.6039, 29.8422, 38.8566
YIQ	125.1900, -77.7090, -28.9170

Conversions

Conversions Part 2

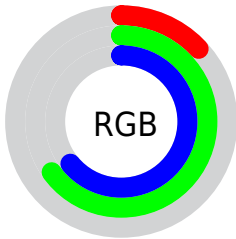
Format	Color
RYB	33, 100, 165
Decimal	2205090
CIELab	61.52, -33.77, -8.21
CIELCh	62, 34.754, 193.665
Yxy	29.8422, 0.2307, 0.3342
Android (android.graphics.Color)	4280395170 (0xFF21A5A2)
YUV	125.1900, 18.1473, -80.8506
Hunter-Lab	54.6280, -28.2747, -3.9330

Details

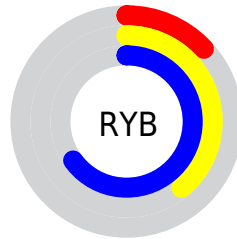
The Hex color **21A5A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A52124**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **68DDD9**, and **00706E** is the 20% darker color. If you saturate the color by 10%, you get **10A5A2**, and if you desaturate by 10%, it is **32A5A2**.

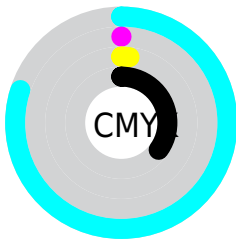
Distribution



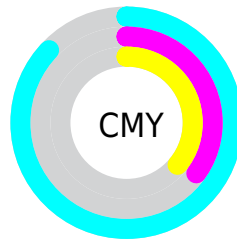
- Red (13%)
- Green (65%)
- Blue (64%)



- Red (13%)
- Yellow (39%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A5A2 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 21A5A2 by changing the saturation by 10% instead.

■ 21A5A2

■ 21A5A2

FFFFFF

■ 008A88

■ 68DDD9

■ 00706E

■ 86F9F5

■ 005756

■ A4FFFF

■ 003F3F

■ C1FFFF

■ 002929

■ DFFFFF

■ 000B15

FEFFFF

■ 000000

■ 21A5A2

■ 21A5A2

■ 10A5A2

■ 32A5A2

■ 00A5A1

■ 42A5A3

■ 52A5A3

■ 63A5A3

■ 73A5A4

■ 84A5A4

■ 94A5A5

■ A5A5A5

■ B6A5A5

Harmonies

Analogous

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



51A482



21A5A2



08A3BE

Triad

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



21A5A2



AA87C1



B78D5A

Complementary

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



21A5A2



A52124

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.



CB836B



21A5A2



C67FA7

Square

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



21A5A2



7F93D0



D17D87



9B9758

Rectangle

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



21A5A2



359FCB



D17D87



BF895E

Sweetspot

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



21A5A2



A3D6D5



25A521



4C6B6A



EBEBEB



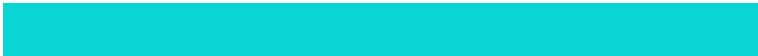
6B6B6B

Same Dimension

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



21A5A2



09D6D2



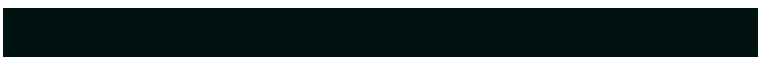
2167A5



495251



00918E



001211

Inverse Universe

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



A52124



D6090D



A55F21



52494A



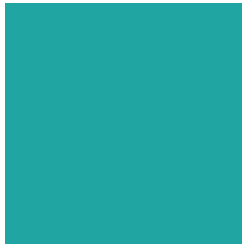
910003



120000

Previews

White Background



This preview shows how the Hex color 21A5A2 looks on a white background.

Color Contrast Check

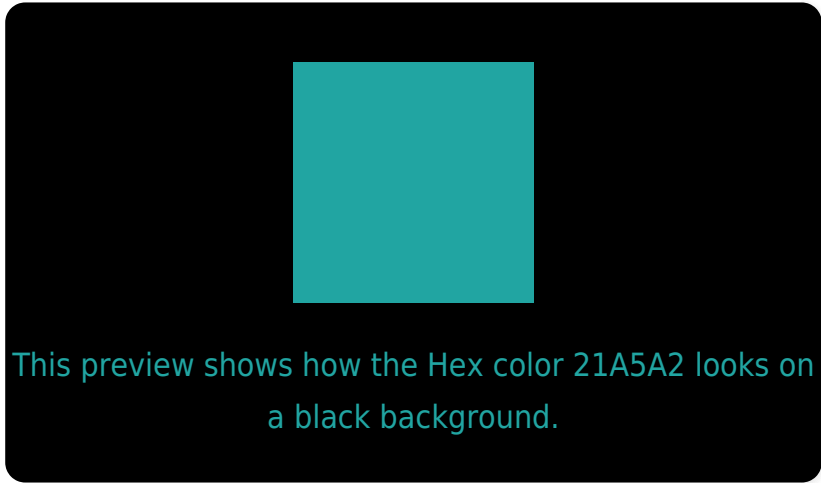
Large Text (above 18pt) WCAG AA ✓ Pass

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

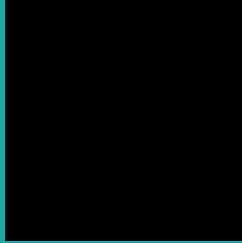
Any Text WCAG AA ✓ Pass

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 21A5A2 Background



This preview shows how black text looks on a background with the Hex color 21A5A2.

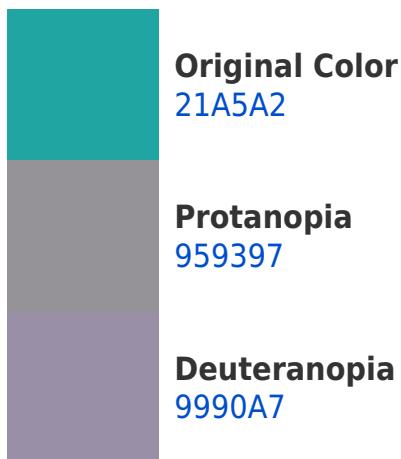


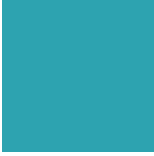
This preview shows how white text looks on a background with the Hex color 21A5A2.

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
2DA3B0

Trichromacy



Original Color
21A5A2



Protanomaly
6B9A9B



Deuteranomaly
6D98A5



Tritanomaly
29A4AB

Monochromacy



Original Color
21A5A2



Achromatopsia
7D7D7D



Achromatomaly
5C8C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A5A2 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 #21A5A2 looks like.

```
.text, #text, p{  
    color:#21A5A2  
}
```

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 #21A5A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A5A2
}
```

Border

The CSS property to change the border of an element to Hex 21A5A2 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
#21A5A2 }
```

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

```
.border{ border-color:#21A5A2 }
```

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

Here you see how a box with a 4 pixel #21A5A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A5A2; -webkit-box-shadow:4px 4px  
4px 4px #21A5A2; box-shadow:4px 4px 4px  
4px #21A5A2 }
```

Background

The CSS property to change the background color of an element to Hex 21A5A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A5A2 }
```

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

```
.background{ background-color:#21A5A2 }
```

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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