

Converting Colors

Hex(22A19A)

Have a look what the booklet for
Hex(22A19A) contains.

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Color

Hex(22A19A)

Conversions

Conversions Part 1

Format	Color
Hex	22A19A
RGB	34, 161, 154
RGB Percent	13%, 63%, 60%
CMY	0.8667, 0.3686, 0.3961
CMYK	0.79, 0.00, 0.04, 0.37
HSL	177°, 65%, 38%
HSV	177°, 79%, 63%
XYZ	19.2373, 28.1629, 34.9939
YIQ	122.2290, -73.4450, -29.1010

Conversions

Conversions Part 2

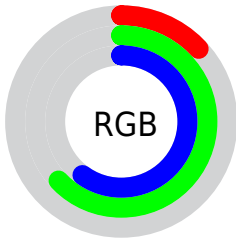
Format	Color
R_{YB}	34, 99, 161
Decimal	2269594
CIE _{Lab}	60.04, -34.17, -5.90
CIE _{LCh}	60, 34.680, 189.795
Yxy	28.1629, 0.2335, 0.3418
Android (android.graphics.Color)	4280459674 (0xFF22A19A)
YUV	122.2290, 15.6631, -77.3768
Hunter-Lab	53.0687, -28.1645, -1.9481

Details

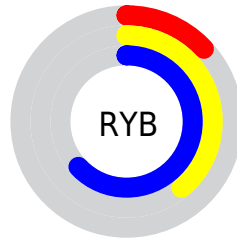
The Hex color **22A19A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A12229**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **67D8D0**, and **006D67** is the 20% darker color. If you saturate the color by 10%, you get **12A199**, and if you desaturate by 10%, it is **32A19B**.

Distribution



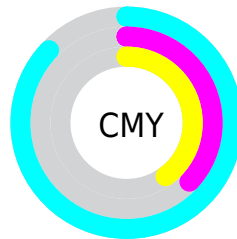
- Red (13%)
- Green (63%)
- Blue (60%)



- Red (13%)
- Yellow (39%)
- Blue (63%)



- Cyan (79%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A19A 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 22A19A by changing the saturation by 10% instead.



22A19A



22A19A

FFFFFF



008680



67D8D0



006D67



85F5ED



00544F



A2FFFF



003C38



C0FFFF



002623



D0FFFF



00010E



FCFFFF



000000



22A19A



22A19A



12A199



32A19B

02A198

42A19C

00A198

52A19D

62A19E

72A19E

83A19F

93A1A0

A3A1A1

B3A1A2

Harmonies

Analogous

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



539F7B



22A19A



009FB7

Triad

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



22A19A



A185C0



B68858

Complementary

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



22A19A



A12229

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.



C87E6B



22A19A



BF7CA6

Square

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



22A19A



7490CD



CC7988



9B9254

Rectangle

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



22A19A



269CC5



CC7988



BD845D

Sweetspot

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



22A19A



9FD1CE



2AA122



4A6967



E8E8E8



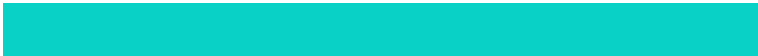
696969

Same Dimension

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



22A19A



0AD1C6



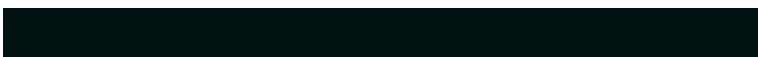
226AA1



495251



009189



001211

Inverse Universe

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



A12229



D10A15



A15922



52494A



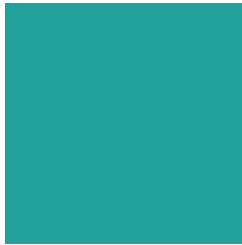
910008



120001

Previews

White Background



This preview shows how the Hex color 22A19A looks on a white background.

Color Contrast Check

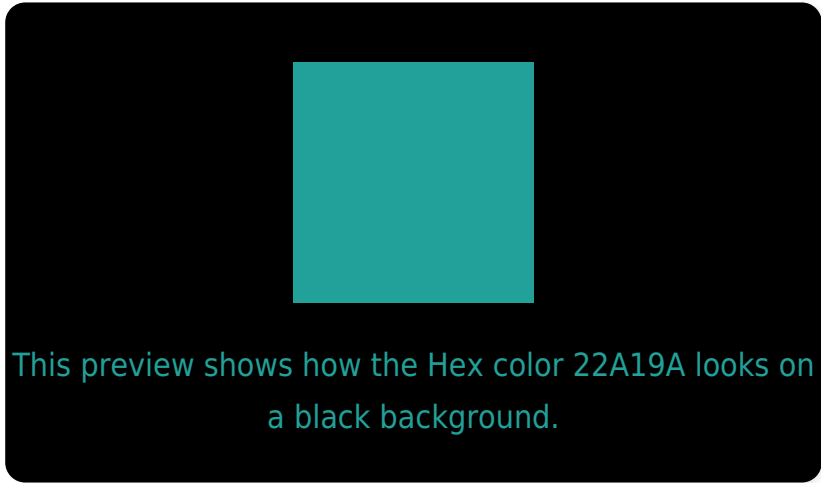
Large Text (above 18pt) WCAG AA ✓ Pass

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

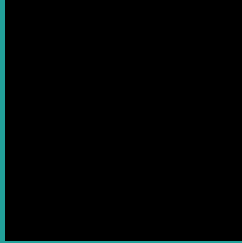
Any Text WCAG AA ✓ Pass

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 22A19A Background



This preview shows how black text looks on a background with the Hex color 22A19A.

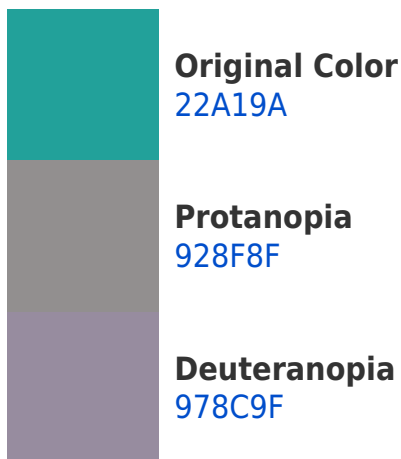


This preview shows how white text looks on a background with the Hex color 22A19A.

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
2F9EAB

Trichromacy



Original Color
22A19A



Protanomaly
699693



Deuteranomaly
6C949D



Tritanomaly
2A9FA5

Monochromacy



Original Color
22A19A



Achromatopsia
7A7A7A



Achromatomaly
5A8886

CSS Examples

Text

The CSS property to change the color of the text to Hex 22A19A 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 #22A19A looks like.

```
.text, #text, p{  
    color:#22A19A  
}
```

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 #22A19A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A19A
}
```

Border

The CSS property to change the border of an element to Hex 22A19A 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
#22A19A }
```

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

```
.border{ border-color:#22A19A }
```

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

Here you see how a box with a 4 pixel #22A19A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A19A; -webkit-box-shadow:4px 4px  
4px 4px #22A19A; box-shadow:4px 4px 4px  
4px #22A19A }
```

Background

The CSS property to change the background color of an element to Hex 22A19A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A19A }
```

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

```
.background{ background-color:#22A19A }
```

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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