

Converting Colors

Hex(22A89D)

Have a look what the booklet for
Hex(22A89D) contains.

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Color

Hex(22A89D)

Conversions

Conversions Part 1

Format	Color
Hex	22A89D
RGB	34, 168, 157
RGB Percent	13%, 66%, 62%
CMY	0.8667, 0.3412, 0.3843
CMYK	0.80, 0.00, 0.07, 0.34
HSL	175°, 66%, 40%
HSV	175°, 80%, 66%
XYZ	20.7481, 30.7797, 36.7458
YIQ	126.6800, -76.3330, -31.8290

Conversions

Conversions Part 2

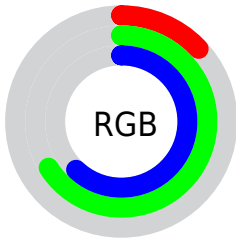
Format	Color
RYB	34, 104, 168
Decimal	2271389
CIELab	62.32, -36.53, -4.21
CIELCh	62, 36.775, 186.571
Yxy	30.7797, 0.2350, 0.3487
Android (android.graphics.Color)	4280461469 (0xFF22A89D)
YUV	126.6800, 14.9478, -81.2804
Hunter-Lab	55.4794, -30.3338, -0.4341

Details

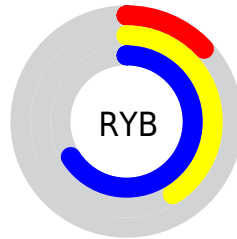
The Hex color **22A89D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A8222D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **68E0D3**, and **00736A** is the 20% darker color. If you saturate the color by 10%, you get **11A89C**, and if you desaturate by 10%, it is **33A89E**.

Distribution



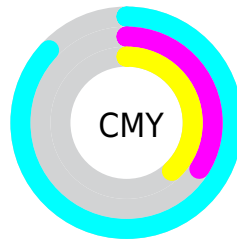
- Red (13%)
- Green (66%)
- Blue (62%)



- Red (13%)
- Yellow (41%)
- Blue (66%)



- Cyan (80%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (87%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A89D 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 22A89D by changing the saturation by 10% instead.

 22A89D

 22A89D

FFFFFF

 008D83

 68E0D3

 00736A

 86FDF0

 005A52

 A4FFFF

 00423B

 C2FFFF

 002B25

 E0FFFF

 001011

FEFFFF

 000000

 22A89D

 22A89D

 11A89C

 33A89E

00A89A

44A8A0

54A8A1

65A8A3

76A8A4

87A8A5

98A8A7

A8A8A8

B9A8A9

Harmonies

Analogous

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



59A67C



22A89D



00A6BC

Triad

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



22A89D



A48CCB



C18C5B

Complementary

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



22A89D



A8222D

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.



D28171



22A89D



C581B1

Square

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



22A89D



7297D7



D57D91



A59755

Rectangle

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



22A89D



10A3CC



D57D91



C88861

Sweetspot

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



22A89D



A7DBD7



2DA822



4E6E6B



EDEDED



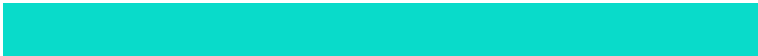
6E6E6E

Same Dimension

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



22A89D



09DBCA



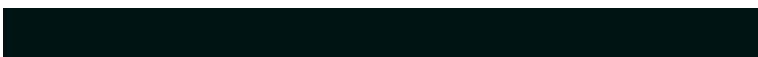
2270A8



4C5453



009488



001413

Inverse Universe

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



A8222D



DB091A



A85A22



544C4C



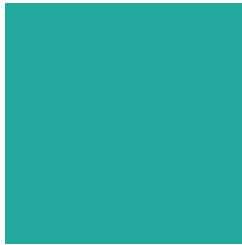
94000C



140002

Previews

White Background



This preview shows how the Hex color 22A89D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 22A89D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

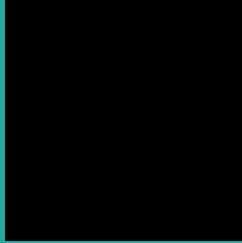
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 22A89D Background



This preview shows how black text looks on a background with the Hex color 22A89D.

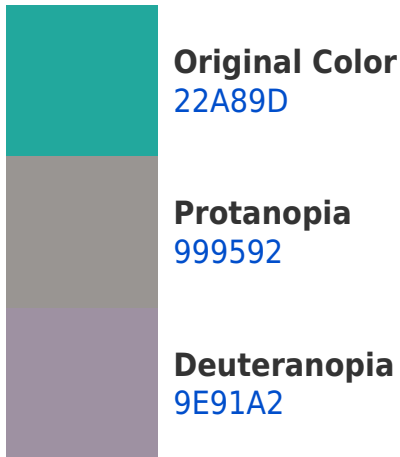


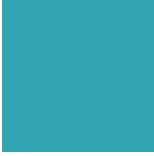
This preview shows how white text looks on a background with the Hex color 22A89D.

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



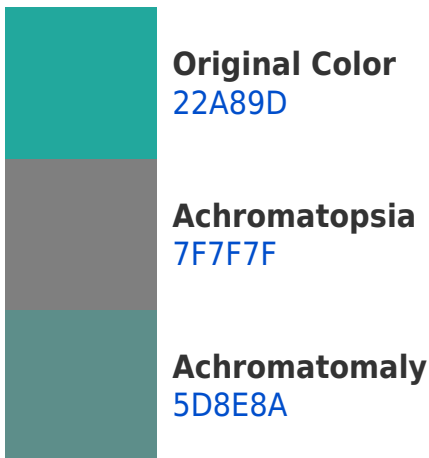


Tritanopia
32A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22A89D 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 #22A89D looks like.

```
.text, #text, p{  
    color:#22A89D  
}
```

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 #22A89D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A89D
}
```

Border

The CSS property to change the border of an element to Hex 22A89D 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
#22A89D }
```

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

```
.border{ border-color:#22A89D }
```

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

Here you see how a box with a 4 pixel #22A89D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A89D; -webkit-box-shadow:4px 4px  
4px 4px #22A89D; box-shadow:4px 4px 4px  
4px #22A89D }
```

Background

The CSS property to change the background color of an element to Hex 22A89D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A89D }
```

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

```
.background{ background-color:#22A89D }
```

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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