

Converting Colors

Hex(22A1A1)

Have a look what the booklet for
Hex(22A1A1) contains.

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Color

Hex(22A1A1)

Conversions

Conversions Part 1

Format	Color
Hex	22A1A1
RGB	34, 161, 161
RGB Percent	13%, 63%, 63%
CMY	0.8667, 0.3686, 0.3686
CMYK	0.79, 0.00, 0.00, 0.37
HSL	180°, 65%, 38%
HSV	180°, 79%, 63%
XYZ	19.8376, 28.4030, 38.1550
YIQ	123.0270, -75.6920, -26.9240

Conversions

Conversions Part 2

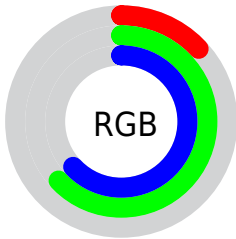
Format	Color
RYB	34, 98, 161
Decimal	2269601
CIELab	60.25, -32.08, -9.54
CIELCh	60, 33.468, 196.553
Yxy	28.4030, 0.2296, 0.3288
Android (android.graphics.Color)	4280459681 (0xFF22A1A1)
YUV	123.0270, 18.7207, -78.0767
Hunter-Lab	53.2945, -26.8231, -5.1412

Details

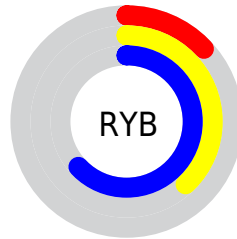
The Hex color **22A1A1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A12222**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **68D8D8**, and **006D6E** is the 20% darker color. If you saturate the color by 10%, you get **12A1A1**, and if you desaturate by 10%, it is **32A1A1**.

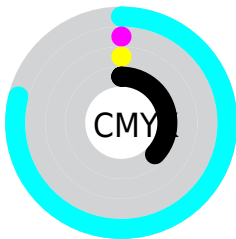
Distribution



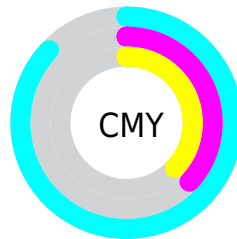
- Red (13%)
- Green (63%)
- Blue (63%)



- Red (13%)
- Yellow (38%)
- Blue (63%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 22A1A1 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 22A1A1 by changing the saturation by 10% instead.

 22A1A1

 22A1A1

FFFFFF

 008687

 68D8D8

 006D6E

 86F5F4

 005455

 A3FFFF

 003C3E

 C1FFFF

 002628

 DFFFFF

 000315

FDFFFF

 000000

 22A1A1

 22A1A1

 12A1A1

 32A1A1

02A1A1

42A1A1

00A1A1

52A1A1

62A1A1

72A1A1

83A1A1

93A1A1

A3A1A1

B3A1A1

Harmonies

Analogous

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



4DA083



22A1A1



1A9EBB

Triad

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



22A1A1



A984BA



B08B58

Complementary

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



22A1A1



A12222

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.



C48168



22A1A1



C27CA0

Square

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



22A1A1



818ECA



CB7B82



949558

Rectangle

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



22A1A1



3D9BC7



CB7B82



B8875C

Sweetspot

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



22A1A1



9FD1D1



22A122



4A6969



E8E8E8



696969

Same Dimension

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



22A1A1



0AD1D1



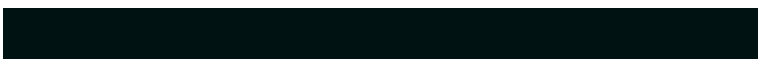
2261A1



495252



009191



001212

Inverse Universe

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



A122A1



D10AD1



A16122



524952



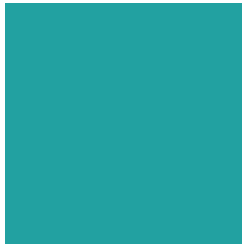
910091



120012

Previews

White Background



This preview shows how the Hex color 22A1A1 looks on a white background.

Color Contrast Check

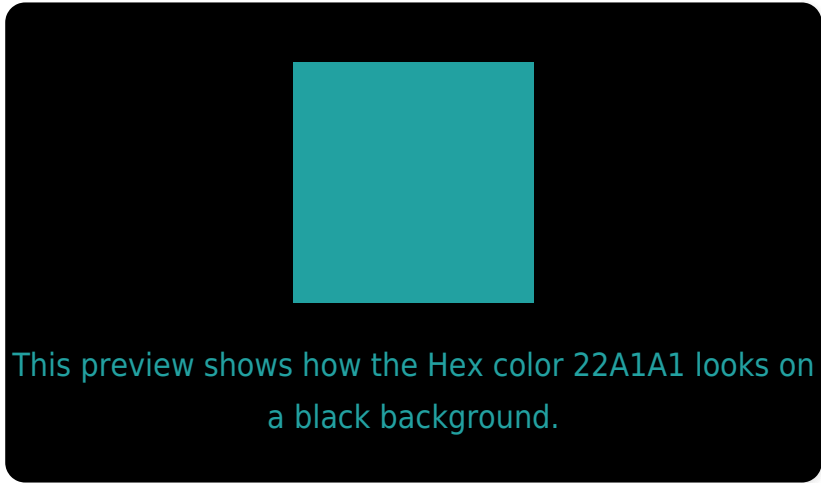
Large Text (above 18pt) WCAG AA ✓ Pass

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

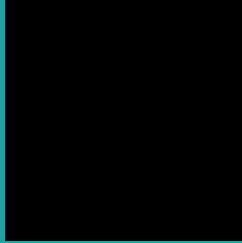
Any Text WCAG AA ✓ Pass

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 22A1A1 Background



This preview shows how black text looks on a background with the Hex color 22A1A1.

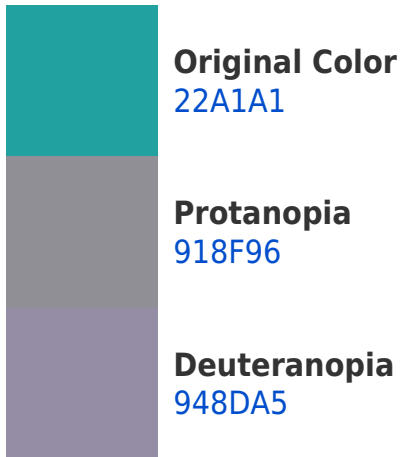


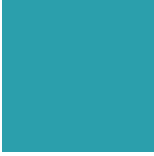
This preview shows how white text looks on a background with the Hex color 22A1A1.

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





Trichromacy



Original Color
22A1A1



Protanomaly
69969A



Deuteranomaly
6B94A4



Tritanomaly
28A0A8

Monochromacy



Original Color
22A1A1



Achromatopsia
7B7B7B



Achromatomaly
5B8989

CSS Examples

Text

The CSS property to change the color of the text to Hex 22A1A1 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 #22A1A1 looks like.

```
.text, #text, p{  
    color:#22A1A1  
}
```

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 #22A1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A1A1
}
```

Border

The CSS property to change the border of an element to Hex 22A1A1 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
#22A1A1 }
```

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

```
.border{ border-color:#22A1A1 }
```

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

Here you see how a box with a 4 pixel #22A1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A1A1; -webkit-box-shadow:4px 4px  
4px 4px #22A1A1; box-shadow:4px 4px 4px  
4px #22A1A1 }
```

Background

The CSS property to change the background color of an element to Hex 22A1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A1A1 }
```

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

```
.background{ background-color:#22A1A1 }
```

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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