Converting Colors

Hex(22AAAA)

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Color

Hex(22AAAA)

Conversions

Conversions Part 1

Format	Color
Hex	22AAAA
RGB	34, 170, 170
RGB Percent	13%, 67%, 67%
CMY	0.8667, 0.3333, 0.3333
CMYK	0.80, 0.00, 0.00, 0.33
HSL	180°, 67%, 40%
HSV	180°, 80%, 67%
XYZ	22.2901, 31.9918, 43.0304
YIQ	129.3360, -81.0560, -28.8320

Conversions

Conversions Part 2

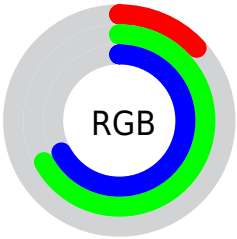
Format	Color
RYB	34, 102, 170
Decimal	2271914
CIELab	63.34, -33.63, -9.98
CIELCh	63, 35.078, 196.534
Yxy	31.9918, 0.2291, 0.3288
Android (android.graphics.Color)	4280461994 (0xFF22AAAA)
YUV	129.3360, 20.0474, -83.6097
Hunter-Lab	56.5613, -28.6376, -5.5134

Details

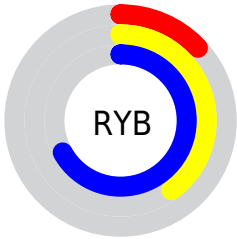
The Hex color 22AAAA is a dark color, and the websafe version is hex 009999. A complement of this color would be AA2222, and the grayscale version is 818181.

A 20% lighter version of the original color is 6AE2E1, and 007576 is the 20% darker color. If you saturate the color by 10%, you get 11AAAA, and if you desaturate by 10%, it is 33AAAA.

Distribution

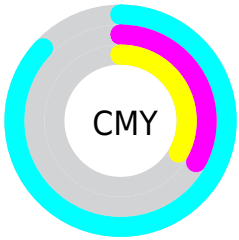


- Red (13%)
- Green (67%)
- Blue (67%)



- Red (13%)
- Yellow (40%)
- Blue (67%)

- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

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

22AAAA	22AAAA
FFFFFF	008F90
6AE2E1	007576
88FFFE	005C5D
A6FFFF	004446
C4FFFF	002D2F
E2FFFF	00151B
	000000

22AAAA	22AAAA
11AAAA	33AAAA

00AAAA

44AAAA

55AAAA

66AAAA

77AAAA

88AAAA

99AAAA

AAAAAA

BBAAAA

Harmonies

Analogous

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

51A98A

22AAAA

19A7C6

Triad

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

22AAAA

B28BC5

BA935D

Complementary

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

22AAAA

AA2222

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.

CF886D

22AAAA

CD83A9

Square

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

22AAAA

8896D5

D68189

9D9D5C

Rectangle

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

22AAAA

3FA3D2

D68189

C28F61

Sweetspot

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

22AAAA

A9DEDE

22AA22

507070

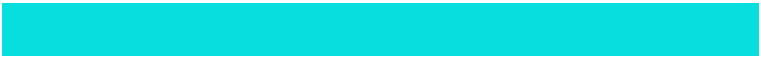
F0F0F0

707070

Same Dimension

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

22AAAA



09DEDE

2266AA

4C5454

009494

001414

Inverse Universe

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

AA22AA

DE09DE

AA6622

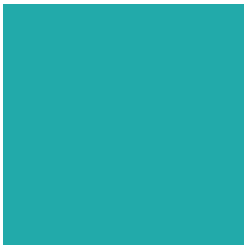
544C54

940094

140014

Previews

White Background

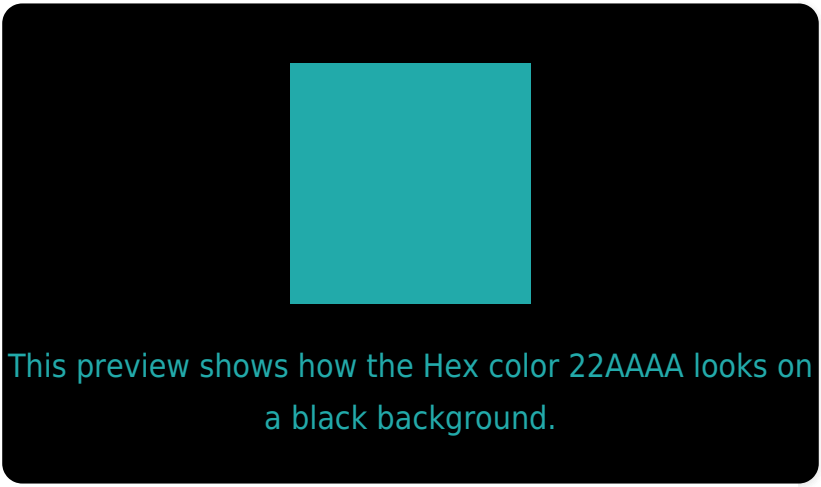


This preview shows how the Hex color 22AAAA looks on a white background.

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

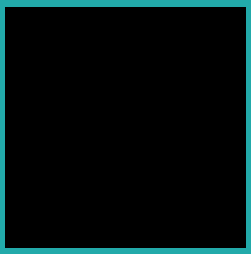


Color Contrast Check

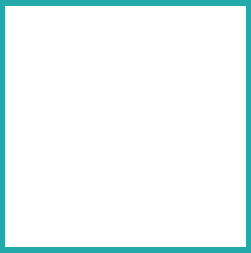
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 22AAAA Background



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



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

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

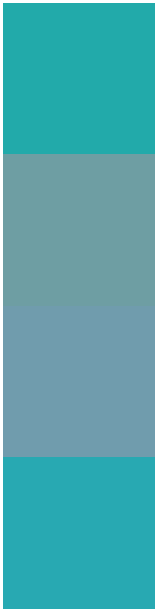
Original Color
22AAAA

Protanopia
99979F

Deuteranopia
9C94AF

Tritanopia
2CA8B6

Trichromacy



Original Color
22AAAA

Protanomaly
6E9EA3

Deuteranomaly
709CAD

Tritanomaly
28A9B2

Monochromacy

Original Color
22AAAA

Achromatopsia
818181

Achromatomaly
5E9090

CSS Examples

Text

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

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

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 #22AAAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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