

Converting Colors

Hex(22AC85)

Have a look what the booklet for
Hex(22AC85) contains.

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Color

Hex(22AC85)

Conversions

Conversions Part 1

Format	Color
Hex	22AC85
RGB	34, 172, 133
RGB Percent	13%, 67%, 52%
CMY	0.8667, 0.3255, 0.4784
CMYK	0.80, 0.00, 0.23, 0.33
HSL	163°, 67%, 40%
HSV	163°, 80%, 67%
XYZ	19.6458, 31.5386, 27.2424
YIQ	126.2920, -69.7290, -41.3850

Conversions

Conversions Part 2

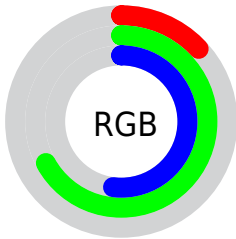
Format	Color
RYB	34, 114, 172
Decimal	2272389
CIELab	62.96, -44.71, 10.11
CIELCh	63, 45.843, 167.257
Yxy	31.5386, 0.2505, 0.4021
Android (android.graphics.Color)	4280462469 (0xFF22AC85)
YUV	126.2920, 3.3070, -80.9401
Hunter-Lab	56.1592, -35.8350, 10.5503

Details

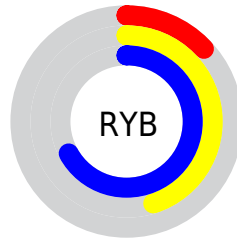
The Hex color **22AC85** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC2249**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **67E4BA**, and **007753** is the 20% darker color. If you saturate the color by 10%, you get **11AC80**, and if you desaturate by 10%, it is **33AC8A**.

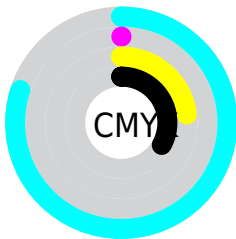
Distribution



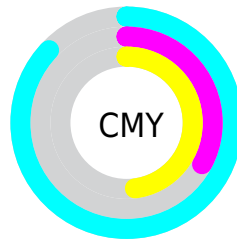
- Red (13%)
- Green (67%)
- Blue (52%)



- Red (13%)
- Yellow (45%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22AC85 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 22AC85 by changing the saturation by 10% instead.

 22AC85

 22AC85

FFFFFF

 00916C


 67E4BA

 007753

 85FFD6

 005D3C

 A3FFF2

 004426

 C0FFFF

 002E12

 DEFFF


 001200

FDFFF

 000000

 22AC85

 22AC85

 11AC80

 33AC8A

■ 00AC7B

■ 44AC8F

■ 56AC94

■ 67AC98

■ 78AC9D

■ 89ACA2

■ 9AACA7

■ ACACAC

■ BDACB1

Harmonies

Analogous

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



6BA75F



22AC85



00ADAF

Triad

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



22AC85



7F94E6



DB815E

Complementary

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



22AC85



AC2249

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.



E57782



22AC85



B984D0

Square

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



22AC85



04A2E7



DB78AB



BF9047

Rectangle

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



22AC85



00ABC9



DB78AB



E07D69

Sweetspot

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



22AC85



ABE0D1



49AC22



507067



F0F0F0



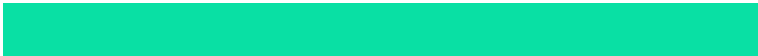
707070

Same Dimension

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



22AC85



09E0A4



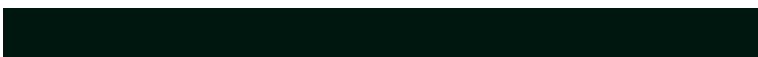
228EAC



4E5754



00966C



001710

Inverse Universe

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



AC2249



E00946



AC4022



574E50



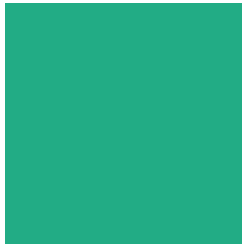
96002B



170006

Previews

White Background



This preview shows how the Hex color 22AC85 looks on a white background.

Color Contrast Check

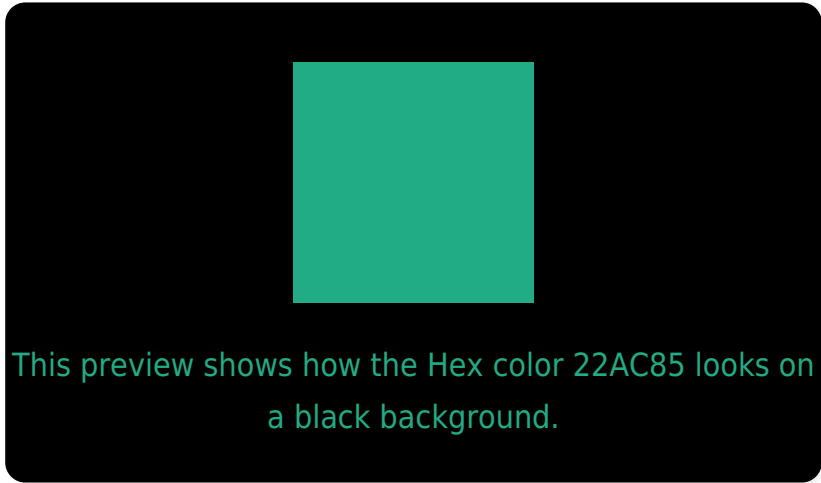
Large Text (above 18pt) WCAG AA × Fail

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

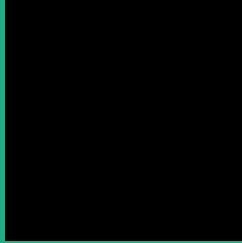
Any Text WCAG AA ✓ Pass

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 22AC85 Background



This preview shows how black text looks on a background with the Hex color 22AC85.

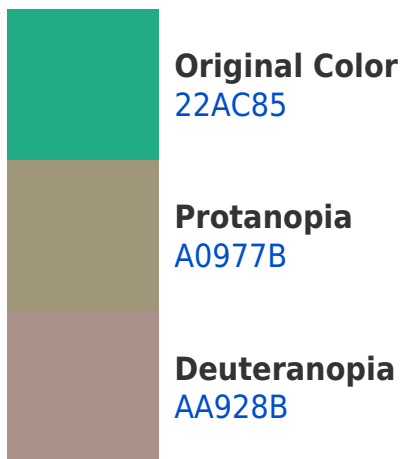


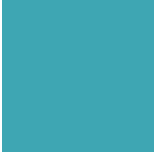
This preview shows how white text looks on a background with the Hex color 22AC85.

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
3EA6B3

Trichromacy



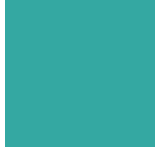
Original Color
22AC85



Protanomaly
729F7F



Deuteranomaly
799B89



Tritanomaly
34A8A2

Monochromacy



Original Color
22AC85



Achromatopsia
7E7E7E



Achromatomaly
5D8F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 22AC85 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 #22AC85 looks like.

```
.text, #text, p{  
    color:#22AC85  
}
```

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 #22AC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22AC85
}
```

Border

The CSS property to change the border of an element to Hex 22AC85 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
#22AC85 }
```

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

```
.border{ border-color:#22AC85 }
```

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

Here you see how a box with a 4 pixel #22AC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22AC85; -webkit-box-shadow:4px 4px  
4px 4px #22AC85; box-shadow:4px 4px 4px  
4px #22AC85 }
```

Background

The CSS property to change the background color of an element to Hex 22AC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22AC85 }
```

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

```
.background{ background-color:#22AC85 }
```

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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