

Converting Colors

Hex(22A877)

Have a look what the booklet for
Hex(22A877) contains.

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Color

Hex(22A877)

Conversions

Conversions Part 1

Format	Color
Hex	22A877
RGB	34, 168, 119
RGB Percent	13%, 66%, 47%
CMY	0.8667, 0.3412, 0.5333
CMYK	0.80, 0.00, 0.29, 0.34
HSL	158°, 66%, 40%
HSV	158°, 80%, 66%
XYZ	17.9921, 29.6773, 22.2328
YIQ	122.3480, -64.1350, -43.6470

Conversions

Conversions Part 2

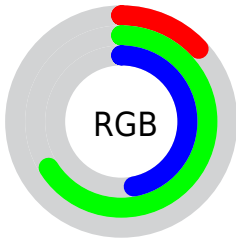
Format	Color
R_{YB}	34, 116, 168
Decimal	2271351
CIE _{Lab}	61.37, -46.42, 15.63
CIE _{LCh}	61, 48.984, 161.389
Yxy	29.6773, 0.2574, 0.4246
Android (android.graphics.Color)	4280461431 (0xFF22A877)
YUV	122.3480, -1.6506, -77.4812
Hunter-Lab	54.4768, -36.3812, 13.9367

Details

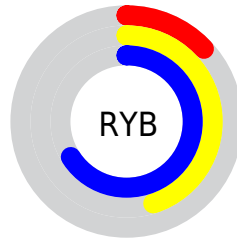
The Hex color **22A877** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A82253**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66E0AB**, and **007346** is the 20% darker color. If you saturate the color by 10%, you get **11A871**, and if you desaturate by 10%, it is **33A87D**.

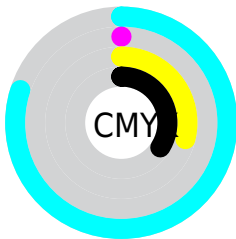
Distribution



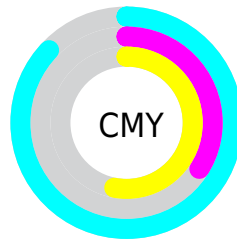
- Red (13%)
- Green (66%)
- Blue (47%)



- Red (13%)
- Yellow (45%)
- Blue (66%)



- Cyan (80%)
- Magenta (0%)
- Yellow (29%)
- Black (34%)



- Cyan (87%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A877 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 22A877 by changing the saturation by 10% instead.

 22A877

 22A877

FFFFFF

 008D5E

 66E0AB

 007346

 84FDC7

 005930

 A1FFE3

 00411A

 BEFFFF

 002B01

 DCFFFF


 000900

 FAFFFF

 000000

 22A877

 22A877

 11A871

 33A87D

■ 00A86B

■ 44A883

■ 54A889

■ 65A890

■ 76A896

■ 87A89C

■ 98A8A2

■ A8A8A8

■ B9A8AE

Harmonies

Analogous

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



6EA250



22A877



00AAA4

Triad

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



22A877



6793E9



DD785D

Complementary

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



22A877



A82253

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.



E56F85



22A877



AD82D6

Square

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



22A877



00A0E6



D673B1



C38841

Rectangle

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



22A877



00A9C0



D673B1



E27469

Sweetspot

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



22A877



A7DBC8



53A822



4E6E62



EDEDED



6E6E6E

Same Dimension

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



22A877



09DB8E



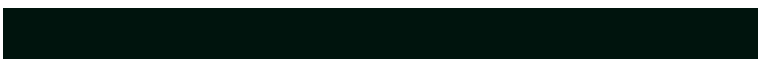
2296A8



4C5451



00945E



00140D

Inverse Universe

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



A82253



DB0956



A83422



544C4F



940036



140007

Previews

White Background



This preview shows how the Hex color 22A877 looks on a white background.

Color Contrast Check

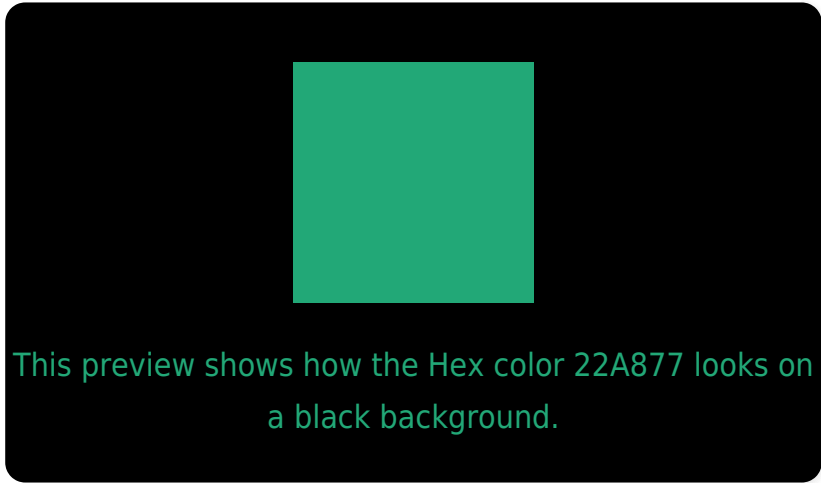
Large Text (above 18pt) WCAG AA ✓ Pass

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 22A877 Background



This preview shows how black text looks on a background with the Hex color 22A877.



This preview shows how white text looks on a background with the Hex color 22A877.

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
40A1AE

Trichromacy



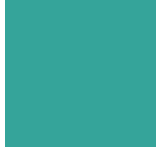
Original Color
22A877



Protanomaly
719B71



Deuteranomaly
78977B



Tritanomaly
35A49A

Monochromacy



Original Color
22A877



Achromatopsia
7A7A7A



Achromatomaly
5A8B79

CSS Examples

Text

The CSS property to change the color of the text to Hex 22A877 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 #22A877 looks like.

```
.text, #text, p{  
    color:#22A877  
}
```

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 #22A877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A877  
}
```

Border

The CSS property to change the border of an element to Hex 22A877 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  
#22A877 }
```

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

```
.border{ border-color:#22A877 }
```

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

Here you see how a box with a 4 pixel #22A877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A877; -webkit-box-shadow:4px 4px  
4px 4px #22A877; box-shadow:4px 4px 4px  
4px #22A877 }
```

Background

The CSS property to change the background color of an element to Hex 22A877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A877 }
```

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

```
.background{ background-color:#22A877 }
```

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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