

Converting Colors

Hex(24B880)

Have a look what the booklet for
Hex(24B880) contains.

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Color

Hex(24B880)

Conversions

Conversions Part 1

Format	Color
Hex	24B880
RGB	36, 184, 128
RGB Percent	14%, 72%, 50%
CMY	0.8588, 0.2784, 0.4980
CMYK	0.80, 0.00, 0.30, 0.28
HSL	157°, 67%, 43%
HSV	157°, 80%, 72%
XYZ	21.7643, 36.2146, 26.2651
YIQ	133.3640, -70.2320, -48.7920

Conversions

Conversions Part 2

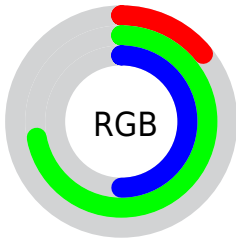
Format	Color
RYB	36, 127, 184
Decimal	2406528
CIELab	66.68, -50.50, 18.06
CIELCh	67, 53.631, 160.324
Yxy	36.2146, 0.2583, 0.4299
Android (android.graphics.Color)	4280596608 (0xFF24B880)
YUV	133.3640, -2.6445, -85.3882
Hunter-Lab	60.1785, -40.7557, 16.2477

Details

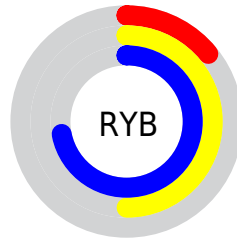
The Hex color **24B880** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B8245C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6BF1B5**, and **00824F** is the 20% darker color. If you saturate the color by 10%, you get **12B879**, and if you desaturate by 10%, it is **36B887**.

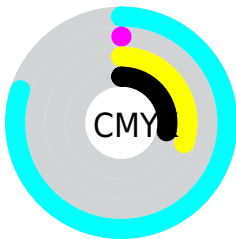
Distribution



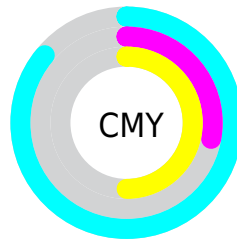
- Red (14%)
- Green (72%)
- Blue (50%)



- Red (14%)
- Yellow (50%)
- Blue (72%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (86%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24B880 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 24B880 by changing the saturation by 10% instead.

 24B880

 24B880

FFFFFF

 009C67

 6BF1B5

 00824F

 89FFD1

 006837

 A7FFED

 004E21

 C5FFFF

 00360C

 E3FFFF

 001F00

 000000

 24B880

 24B880

 12B879

 36B887

■ 00B872

■ 49B88E

■ 5BB895

■ 6EB89C

■ 80B8A3

■ 92B8AA

■ A5B8B1

■ B7B8B8

■ CAB8BF

Harmonies

Analogous

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



79B155



24B880



00BAB2

Triad

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



24B880



6BA2FF



F48266

Complementary

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



24B880



B8245C

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.



FC7893



24B880



BB8FEC

Square

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



24B880



00B0FC



EA7DC4



D89446

Rectangle

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



24B880



00B9D1



EA7DC4



F97E74

Sweetspot

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



24B880



B6F0DA



5DB824



55786B



F7F7F7



787878

Same Dimension

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



24B880



07F098



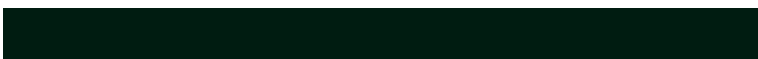
24A7B8



535C58



009C61



001C11

Inverse Universe

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



B8245C



F0075F



B83524



5C5356



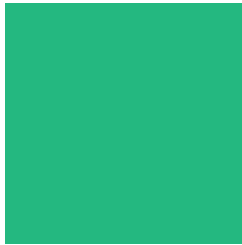
9C003B



1C000B

Previews

White Background



This preview shows how the Hex color 24B880 looks on a white background.

Color Contrast Check

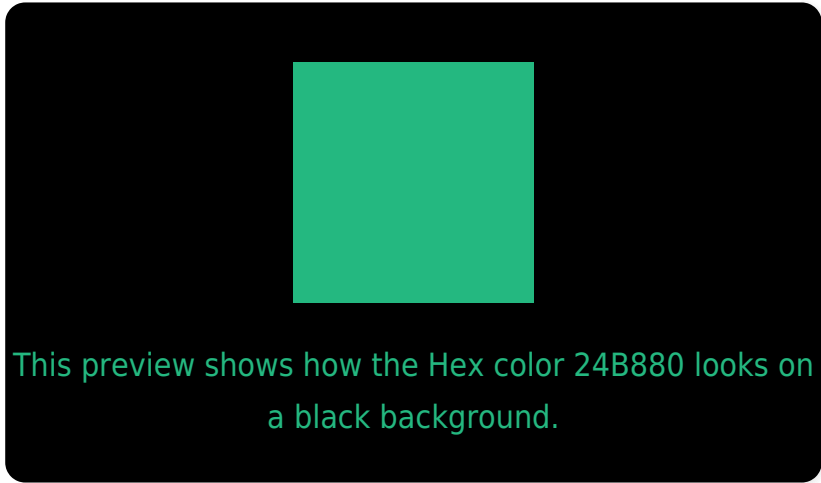
Large Text (above 18pt) WCAG AA × Fail

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

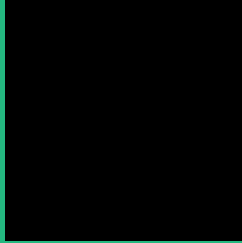
Any Text WCAG AA ✓ Pass

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 24B880 Background



This preview shows how black text looks on a background with the Hex color 24B880.

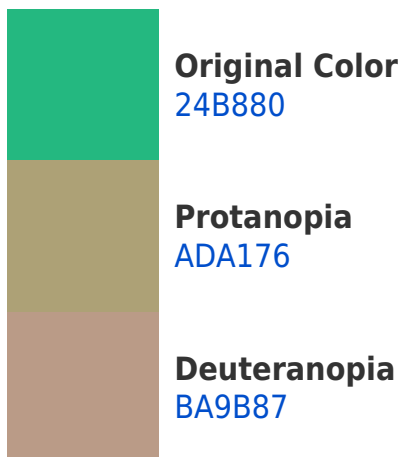


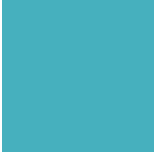
This preview shows how white text looks on a background with the Hex color 24B880.

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
46B0BE

Trichromacy



Original Color
24B880



Protanomaly
7BA97A



Deuteranomaly
83A684



Tritanomaly
3AB3A7

Monochromacy



Original Color
24B880



Achromatopsia
858585



Achromatomaly
629883

CSS Examples

Text

The CSS property to change the color of the text to Hex 24B880 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 #24B880 looks like.

```
.text, #text, p{  
    color:#24B880  
}
```

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 #24B880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B880
}
```

Border

The CSS property to change the border of an element to Hex 24B880 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
#24B880 }
```

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

```
.border{ border-color:#24B880 }
```

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

Here you see how a box with a 4 pixel #24B880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B880; -webkit-box-shadow:4px 4px  
4px 4px #24B880; box-shadow:4px 4px 4px  
4px #24B880 }
```

Background

The CSS property to change the background color of an element to Hex 24B880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B880 }
```

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

```
.background{ background-color:#24B880 }
```

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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