

Converting Colors

Hex(24B283)

Have a look what the booklet for
Hex(24B283) contains.

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Color

Hex(24B283)

Conversions

Conversions Part 1

Format	Color
Hex	24B283
RGB	36, 178, 131
RGB Percent	14%, 70%, 51%
CMY	0.8588, 0.3020, 0.4863
CMYK	0.80, 0.00, 0.26, 0.30
HSL	160°, 66%, 42%
HSV	160°, 80%, 70%
XYZ	20.7447, 33.8546, 26.9140
YIQ	130.1840, -69.5450, -44.7210

Conversions

Conversions Part 2

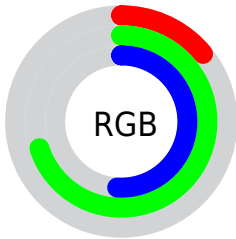
Format	Color
RYB	36, 121, 178
Decimal	2404995
CIELab	64.85, -47.44, 13.87
CIELCh	65, 49.424, 163.697
Yxy	33.8546, 0.2545, 0.4153
Android (android.graphics.Color)	4280595075 (0xFF24B283)
YUV	130.1840, 0.4023, -82.5994
Hunter-Lab	58.1847, -38.1822, 13.3040

Details

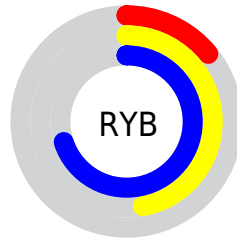
The Hex color **24B283** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B22453**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6AEBB8**, and **007C51** is the 20% darker color. If you saturate the color by 10%, you get **12B27D**, and if you desaturate by 10%, it is **36B289**.

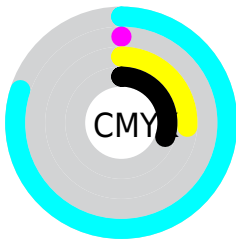
Distribution



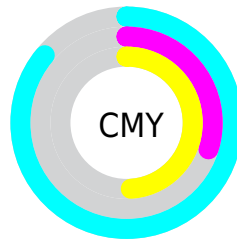
- Red (14%)
- Green (70%)
- Blue (51%)



- Red (14%)
- Yellow (47%)
- Blue (70%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (86%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24B283 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 24B283 by changing the saturation by 10% instead.

 24B283

 24B283

FFFFFF

 00976A

 6AE8B8

 007C51

 88FFD4

 00623A

 A5FFF0

 004924

 C3FFFF

 003210

 E1FFFF

 001A00

 000000

 24B283

 24B283

 12B27D

 36B289

00B277

48B28F

59B295

6BB29B

7DB2A0

8FB2A6

A1B2AC

B2B2B2

C4B2B8

Harmonies

Analogous

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



72AC5B



24B283



00B4B1

Triad

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



24B283



779BF3



E78262

Complementary

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



24B283



B22453

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.



F0788B



24B283



BB8ADE

Square

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



24B283



00A9F2



E37BB7



CB9247

Rectangle

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



24B283



00B2CD



E37BB7



EC7E6F

Sweetspot

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



24B283



B0E8D6



53B224



53756A



F5F5F5



757575

Same Dimension

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



24B283



09E89E



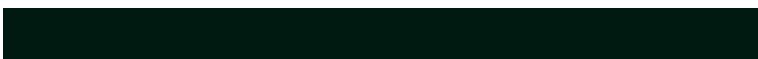
249AB2



505956



009966



001A11

Inverse Universe

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



B22453



E80953



B23C24



595053



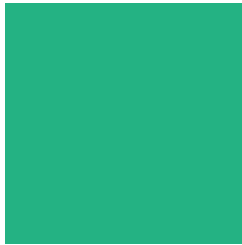
990033



1A0008

Previews

White Background



This preview shows how the Hex color 24B283 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



This preview shows how the Hex color 24B283 looks on a 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 24B283 Background



This preview shows how black text looks on a background with the Hex color 24B283.

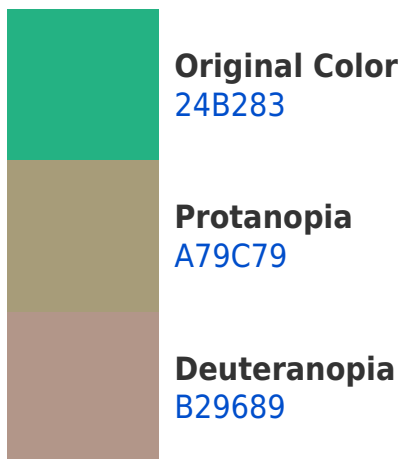


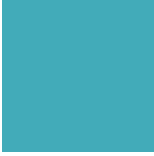
This preview shows how white text looks on a background with the Hex color 24B283.

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
42ABB9

Trichromacy



Original Color
24B283



Protanomaly
77A47D



Deuteranomaly
7EA087



Tritanomaly
37AEA5

Monochromacy



Original Color
24B283



Achromatopsia
828282



Achromatomaly
609382

CSS Examples

Text

The CSS property to change the color of the text to Hex 24B283 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 #24B283 looks like.

```
.text, #text, p{  
    color:#24B283  
}
```

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 #24B283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B283
}
```

Border

The CSS property to change the border of an element to Hex 24B283 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
#24B283 }
```

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

```
.border{ border-color:#24B283 }
```

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

Here you see how a box with a 4 pixel #24B283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B283; -webkit-box-shadow:4px 4px  
4px 4px #24B283; box-shadow:4px 4px 4px  
4px #24B283 }
```

Background

The CSS property to change the background color of an element to Hex 24B283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B283 }
```

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

```
.background{ background-color:#24B283 }
```

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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