

Converting Colors

Hex(42DAB2)

Have a look what the booklet for
Hex(42DAB2) contains.

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Color

Hex(42DAB2)

Conversions

Conversions Part 1

Format	Color
Hex	42DAB2
RGB	66, 218, 178
RGB Percent	26%, 85%, 70%
CMY	0.7412, 0.1451, 0.3020
CMYK	0.70, 0.00, 0.18, 0.15
HSL	164°, 67%, 56%
HSV	164°, 70%, 85%
XYZ	35.3541, 54.5154, 50.7787
YIQ	167.9920, -77.7520, -44.6640

Conversions

Conversions Part 2

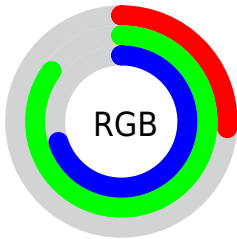
Format	Color
RYB	66, 154, 218
Decimal	4381362
CIELab	78.76, -48.87, 8.28
CIELCh	79, 49.565, 170.378
Yxy	54.5154, 0.2514, 0.3876
Android (android.graphics.Color)	4282571442 (0xFF42DAB2)
YUV	167.9920, 4.9339, -89.4470
Hunter-Lab	73.8346, -43.7397, 10.9083

Details

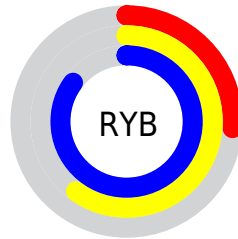
The Hex color **42DAB2** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DA426A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **84FFEA**, and **00A27D** is the 20% darker color. If you saturate the color by 10%, you get **2CDAAC**, and if you desaturate by 10%, it is **58DAB8**.

Distribution



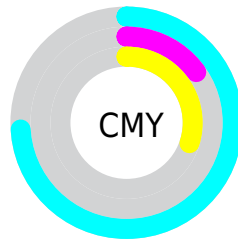
- Red (26%)
- Green (85%)
- Blue (70%)



- Red (26%)
- Yellow (60%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (74%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42DAB2 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 42DAB2 by changing the saturation by 10% instead.

 42DAB2

 42DAB2

FFFFFF

 0CBE97

 84FFEA

 00A27D

 A3FFFF

 008764

 C2FFFF

 006D4D

 E0FFFF

 005436

 003B20

 00250A

 000000

 42DAB2

 42DAB2

■ 2CDAAC

■ 58DAB8

■ 16DAA7

■ 6EDABD

■ 01DAA1

■ 83DAC3

■ 00DAA1

■ 99DAC9

■ AFDACF

■ C5DAD4

■ DBDADA

■ F0DAE0

■ FFDAE6

Harmonies

Analogous

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



8BD486



42DAB2



00DBE2

Triad

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



42DAB2



B0BDFE



FFA72E

Complementary

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



42DAB2



DA426A

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.



FF9FA5



42DAB2



EEABFE

Square

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



42DAB2



56CCFF



FF9FD4



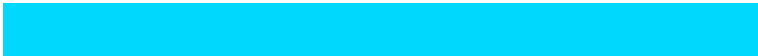
EDBB67

Rectangle

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



42DAB2



00D8FD



FF9FD4



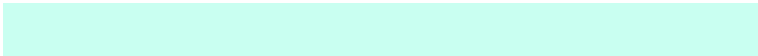
FFA689

Sweetspot

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



42DAB2



C9FFF1



6BDA42



608077



000000



808080

Same Dimension

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



42DAB2



29FFC7



42B7DA



636E6B



00AD80



002E22

Inverse Universe

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



DA426A



FF2961



DA6542



6E6366



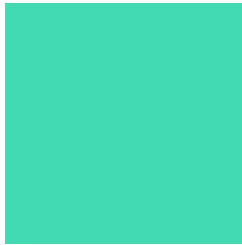
AD002E



2E000C

Previews

White Background



This preview shows how the Hex color 42DAB2 looks on a white background.

Color Contrast Check

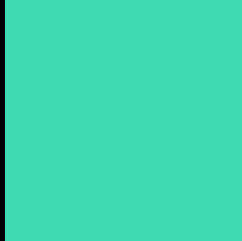
Large Text (above 18pt) WCAG AA × Fail

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 42DAB2 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

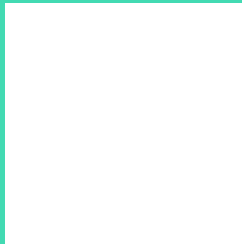
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 42DAB2 Background



This preview shows how black text looks on a background with the Hex color 42DAB2.

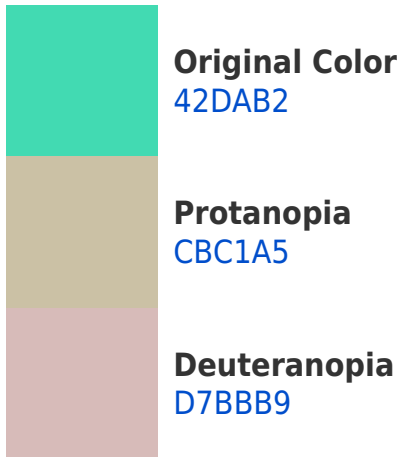


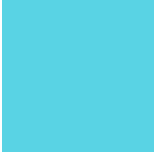
This preview shows how white text looks on a background with the Hex color 42DAB2.

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
59D3E4

Trichromacy



Original Color
42DAB2



Protanomaly
99CAAA



Deuteranomaly
A1C6B6



Tritanomaly
51D6D2

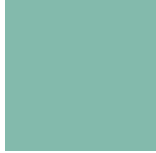
Monochromacy



Original Color
42DAB2



Achromatopsia
A8A8A8



Achromatomaly
83BAAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 42DAB2 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 #42DAB2 looks like.

```
.text, #text, p{  
    color:#42DAB2  
}
```

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 #42DAB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42DAB2
}
```

Border

The CSS property to change the border of an element to Hex 42DAB2 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
#42DAB2 }
```

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

```
.border{ border-color:#42DAB2 }
```

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

Here you see how a box with a 4 pixel #42DAB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42DAB2; -webkit-box-shadow:4px 4px  
4px 4px #42DAB2; box-shadow:4px 4px 4px  
4px #42DAB2 }
```

Background

The CSS property to change the background color of an element to Hex 42DAB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42DAB2 }
```

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

```
.background{ background-color:#42DAB2 }
```

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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