

Converting Colors

Hex(42DB84)

Have a look what the booklet for
Hex(42DB84) contains.

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Color

Hex(42DB84)

Conversions

Conversions Part 1

Format	Color
Hex	42DB84
RGB	66, 219, 132
RGB Percent	26%, 86%, 52%
CMY	0.7412, 0.1412, 0.4824
CMYK	0.70, 0.00, 0.40, 0.14
HSL	146°, 68%, 56%
HSV	146°, 70%, 86%
XYZ	31.7431, 53.4872, 30.4808
YIQ	163.3350, -63.2610, -59.4930

Conversions

Conversions Part 2

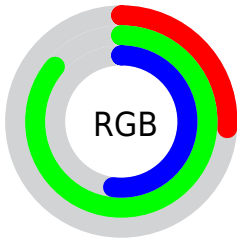
Format	Color
RYB	66, 173, 219
Decimal	4381572
CIELab	78.16, -58.97, 31.51
CIELCh	78, 66.860, 151.878
Yxy	53.4872, 0.2743, 0.4622
Android (android.graphics.Color)	4282571652 (0xFF42DB84)
YUV	163.3350, -15.4482, -85.3628
Hunter-Lab	73.1350, -50.5109, 26.4839

Details

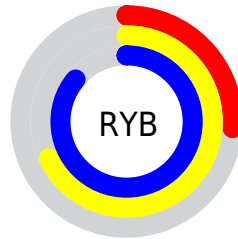
The Hex color **42DB84** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DB4299**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **84FFBA**, and **00A351** is the 20% darker color. If you saturate the color by 10%, you get **2CDB78**, and if you desaturate by 10%, it is **58DB90**.

Distribution



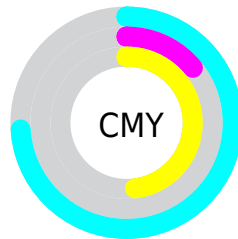
- Red (26%)
- Green (86%)
- Blue (52%)



- Red (26%)
- Yellow (68%)
- Blue (86%)



- Cyan (70%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (74%)
- Magenta (14%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42DB84 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 42DB84 by changing the saturation by 10% instead.

 42DB84

 42DB84

FFFFFF

 0EBF6A

 84FFBA

 00A351

 A2FFD6

 008839

 C1FFF2

 006D21

 DFFFFFF

 005308

FEFFFF

 003B00

 002300

 000000

 42DB84

 42DB84

 2CDB78

 58DB90

 16DB6B

 6EDB9D

 00DB5F

 84DBA9

 00DB5E

 9ADBB6

 B0DBC2

 C5DBC F

 DBDBDB

 F1DBE8

 FFDBF4

Harmonies

Analogous

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



A0D151



42DB84



00DFC3

Triad

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



42DB84



35C7FF



FF9283

Complementary

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



42DB84



DB4299

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.



FF89C0



42DB84



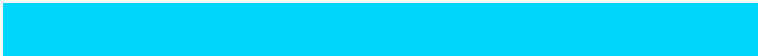
C8AFFF

Square

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



42DB84



00D7FF



FF96FD



FFA852

Rectangle

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



42DB84



00DFEE



FF96FD



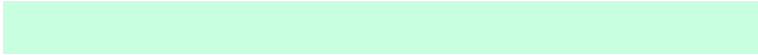
FF8C97

Sweetspot

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



42DB84



C9FFE1



9BDB42



60806D



000000



808080

Same Dimension

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



42DB84



29FF85



42DBCE



636E67



00AD4B



002E14

Inverse Universe

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



DB4299



FF29A3



DB424F



6E6369



AD0063



2E001A

Previews

White Background



This preview shows how the Hex color 42DB84 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 42DB84 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

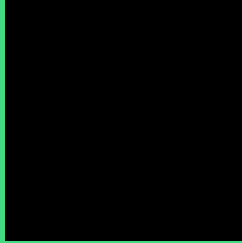
Any Text WCAG AA ✓ Pass

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 42DB84 Background



This preview shows how black text looks on a background with the Hex color 42DB84.

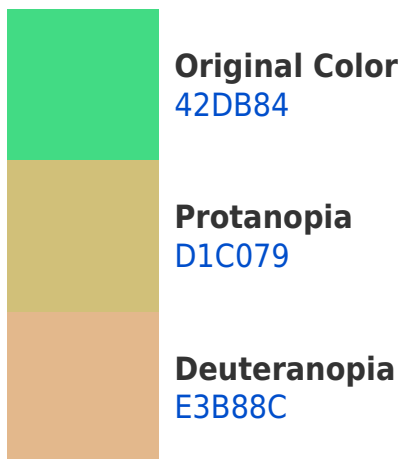


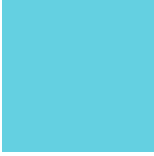
This preview shows how white text looks on a background with the Hex color 42DB84.

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
64D0E1

Trichromacy



Original Color
42DB84



Protanomaly
9DCA7D



Deuteranomaly
A8C589



Tritanomaly
58D4BF

Monochromacy



Original Color
42DB84



Achromatopsia
A3A3A3



Achromatomaly
80B798

CSS Examples

Text

The CSS property to change the color of the text to Hex 42DB84 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 #42DB84 looks like.

```
.text, #text, p{  
    color:#42DB84  
}
```

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 #42DB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42DB84
}
```

Border

The CSS property to change the border of an element to Hex 42DB84 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
#42DB84 }
```

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

```
.border{ border-color:#42DB84 }
```

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

Here you see how a box with a 4 pixel #42DB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42DB84; -webkit-box-shadow:4px 4px  
4px 4px #42DB84; box-shadow:4px 4px 4px  
4px #42DB84 }
```

Background

The CSS property to change the background color of an element to Hex 42DB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42DB84 }
```

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

```
.background{ background-color:#42DB84 }
```

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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