

Converting Colors

Hex(42CB86)

Have a look what the booklet for
Hex(42CB86) contains.

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Color

Hex(42CB86)

Conversions

Conversions Part 1

Format	Color
Hex	42CB86
RGB	66, 203, 134
RGB Percent	26%, 80%, 53%
CMY	0.7412, 0.2039, 0.4745
CMYK	0.67, 0.00, 0.34, 0.20
HSL	150°, 57%, 53%
HSV	150°, 67%, 80%
XYZ	27.9058, 45.5914, 29.8835
YIQ	154.1710, -59.5030, -50.5030

Conversions

Conversions Part 2

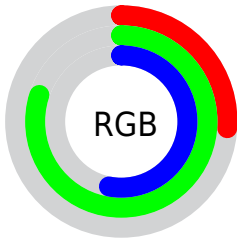
Format	Color
RYB	66, 158, 203
Decimal	4377478
CIELab	73.28, -52.51, 23.96
CIELCh	73, 57.714, 155.474
Yxy	45.5914, 0.2699, 0.4410
Android (android.graphics.Color)	4282567558 (0xFF42CB86)
YUV	154.1710, -9.9443, -77.3260
Hunter-Lab	67.5214, -44.3905, 21.0245

Details

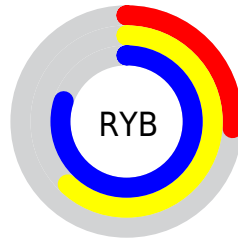
The Hex color **42CB86** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CB4287**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **81FFBC**, and **009454** is the 20% darker color. If you saturate the color by 10%, you get **2ECB7C**, and if you desaturate by 10%, it is **56CB90**.

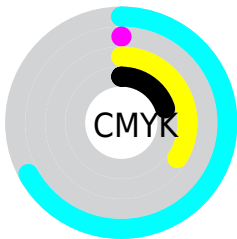
Distribution



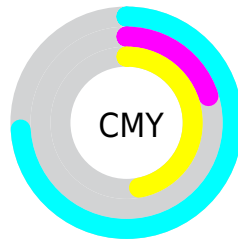
- Red (26%)
- Green (80%)
- Blue (53%)



- Red (26%)
- Yellow (62%)
- Blue (80%)



- Cyan (67%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (74%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42CB86 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 42CB86 by changing the saturation by 10% instead.



42CB86



42CB86

FFFFFF



16AF6C



81FFBC



009454



9FFFD7



00793C



BDBFF4



005F25



DBFFFF



00460F



F9FFFF



003000



001400



000000



42CB86



42CB86

 2ECB7C

 56CB90

 19CB72

 6BCB9A

 05CB67

 7FCBA5

 00CB65

 93CBAF

 A8CBB9

 BCCBC3

 D0CBCE

 E4CBD8

 F9CBE2

Harmonies

Analogous

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



91C35A



42CB86



00CEBC

Triad

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



42CB86



63B6FF



FF8E79

Complementary

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



42CB86



CB4287

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.



FF85AC



42CB86



C4A2FF

Square

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



42CB86



00C5FF



FD8EE1



F5A153

Rectangle

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



42CB86



00CEE0



FD8EE1



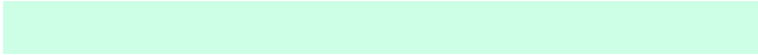
FF8A89

Sweetspot

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



42CB86



CCFFE5



89CB42



618070



000000



808080

Same Dimension

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



42CB86



30FF97



42CBC9



5C6661



00A652



002613

Inverse Universe

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



CB4287



FF3098



CB4244



665C61



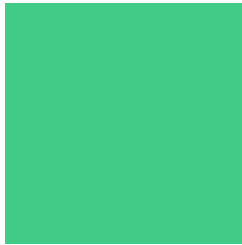
A60053



260013

Previews

White Background



This preview shows how the Hex color 42CB86 looks on a white background.

Color Contrast Check

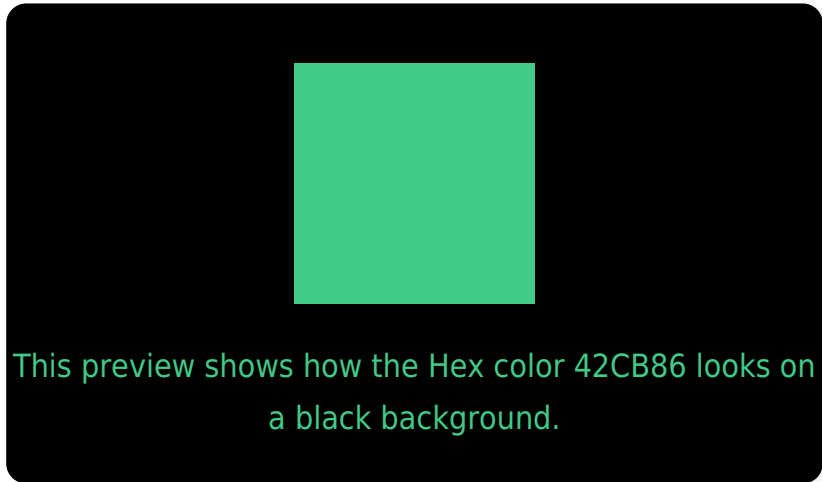
Large Text (above 18pt) WCAG AA × Fail

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 42CB86 Background



This preview shows how black text looks on a background with the Hex color 42CB86.

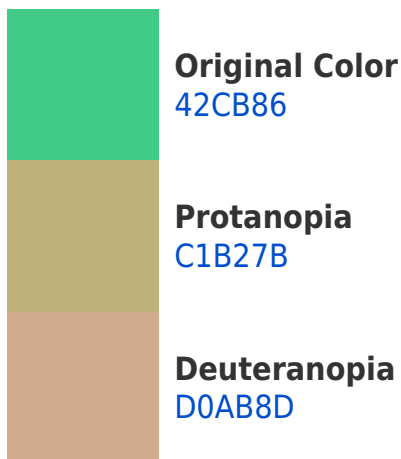


This preview shows how white text looks on a background with the Hex color 42CB86.

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



Trichromacy



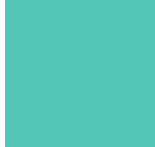
Original Color
42CB86



Protanomaly
93BB7F



Deuteranomaly
9CB78A



Tritanomaly
54C5B6

Monochromacy



Original Color
42CB86



Achromatopsia
9A9A9A



Achromatomaly
7AAC93

CSS Examples

Text

The CSS property to change the color of the text to Hex 42CB86 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 #42CB86 looks like.

```
.text, #text, p{  
    color:#42CB86  
}
```

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 #42CB86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42CB86
}
```

Border

The CSS property to change the border of an element to Hex 42CB86 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
#42CB86 }
```

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

```
.border{ border-color:#42CB86 }
```

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

Here you see how a box with a 4 pixel #42CB86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42CB86; -webkit-box-shadow:4px 4px  
4px 4px #42CB86; box-shadow:4px 4px 4px  
4px #42CB86 }
```

Background

The CSS property to change the background color of an element to Hex 42CB86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42CB86 }
```

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

```
.background{ background-color:#42CB86 }
```

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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