

# Converting Colors

Hex(42D57C)

Have a look what the booklet for  
Hex(42D57C) contains.

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**Color**

**Hex(42D57C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42D57C
RGB	66, 213, 124
RGB Percent	26%, 84%, 49%
CMY	0.7412, 0.1647, 0.5137
CMYK	0.69, 0.00, 0.42, 0.16
HSL	144°, 64%, 55%
HSV	144°, 69%, 84%
XYZ	29.6791, 50.2020, 27.1945
YIQ	158.9010, -59.0430, -58.8430

# Conversions

## Conversions Part 2

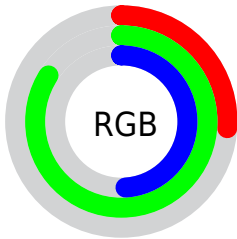
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 171, 213
Decimal	4380028
CIELab	76.19, -58.17, 33.00
CIELCh	76, 66.879, 150.432
Yxy	50.2020, 0.2772, 0.4688
Android (android.graphics.Color)	4282570108 (0xFF42D57C)
YUV	158.9010, -17.2062, -81.4742
Hunter-Lab	70.8534, -49.2232, 26.8410

# Details

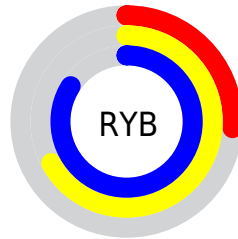
The Hex color **42D57C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D5429B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **83FFB1**, and **009D4A** is the 20% darker color. If you saturate the color by 10%, you get **2DD56F**, and if you desaturate by 10%, it is **57D589**.

# Distribution



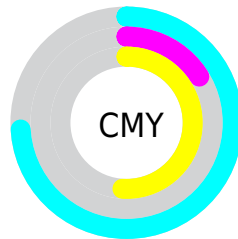
- Red (26%)
- Green (84%)
- Blue (49%)



- Red (26%)
- Yellow (67%)
- Blue (84%)



- Cyan (69%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (74%)
- Magenta (16%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42D57C 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 42D57C by changing the saturation by 10% instead.



 42D57C

 42D57C

FFFFFF

 11B962

 83FFB1

 009D4A

 A1FFCD

 008232

 BFFFEA

 006819

 DEFFFF

 004E00

 FCFFFF

 003600

 001E00

 000000

 42D57C

 42D57C

 2DD56F

 57D589

 17D562

 6DD596

 02D555

 82D5A3

 00D554

 97D5B0

 ADD5BC

 C2D5C9

 D7D5D6

 ECD5E3

 FFD5F0

# Harmonies

## Analogous

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



9ECA49



42D57C



00DABB

# Triad

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



42D57C



00C3FF



FF8B81

# Complementary

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



42D57C



D5429B

# 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.



FF83BE



42D57C



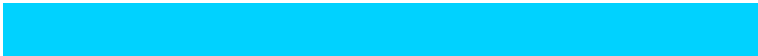
BEABFF

# Square

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



42D57C



00D2FF



FF91FA



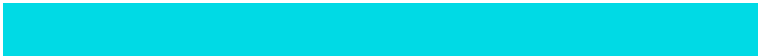
FFA24F

# Rectangle

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



42D57C



00DAE5



FF91FA



FF8694

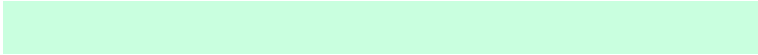


# Sweetspot

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



42D57C



C9FFDF



9DD542



60806C



000000



808080



# Same Dimension

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



42D57C



2BFF7F



42D5C4



606B65



00AB43



002B11



# Inverse Universe

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



D5429B



FF2BAB



D54253



6B6067



AB0067

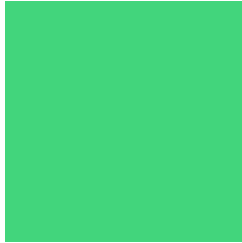


2B001A



# Previews

## White Background



This preview shows how the Hex color 42D57C 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 42D57C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

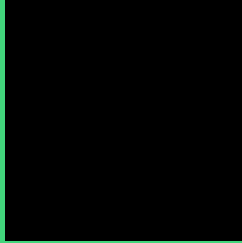
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42D57C Background



This preview shows how black text looks on a background with the Hex color 42D57C.

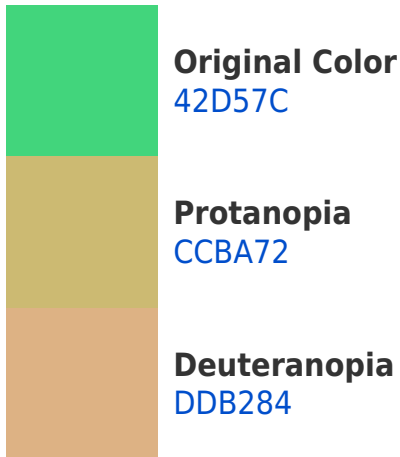


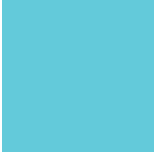
This preview shows how white text looks on a background with the Hex color 42D57C.

# 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**  
42D57C



**Protanomaly**  
9AC476



**Deuteranomaly**  
A5BF81



**Tritanomaly**  
57CEB8

# Monochromacy



**Original Color**  
42D57C



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
7DB392

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42D57C 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 #42D57C looks like.

```
.text, #text, p{  
    color:#42D57C  
}
```

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 #42D57C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D57C
}
```

## Border

The CSS property to change the border of an element to Hex 42D57C 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
#42D57C }
```

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

```
.border{ border-color:#42D57C }
```

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

Here you see how a box with a 4 pixel #42D57C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D57C; -webkit-box-shadow:4px 4px  
4px 4px #42D57C; box-shadow:4px 4px 4px  
4px #42D57C }
```

# Background

The CSS property to change the background color of an element to Hex 42D57C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D57C }
```

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

```
.background{ background-color:#42D57C }
```

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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