

Converting Colors

Hex(41C587)

Have a look what the booklet for
Hex(41C587) contains.

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Color

Hex(41C587)

Conversions

Conversions Part 1

Format	Color
Hex	41C587
RGB	65, 197, 135
RGB Percent	25%, 77%, 53%
CMY	0.7451, 0.2275, 0.4706
CMYK	0.67, 0.00, 0.31, 0.23
HSL	152°, 53%, 51%
HSV	152°, 67%, 77%
XYZ	26.5194, 42.8056, 29.7863
YIQ	150.4640, -58.7700, -47.2660

Conversions

Conversions Part 2

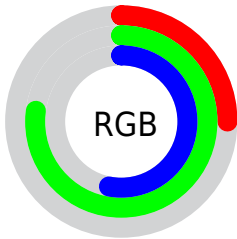
Format	Color
RYB	65, 151, 197
Decimal	4310407
CIELab	71.42, -50.10, 20.90
CIElCh	71, 54.284, 157.359
Yxy	42.8056, 0.2676, 0.4319
Android (android.graphics.Color)	4282500487 (0xFF41C587)
YUV	150.4640, -7.6238, -74.9519
Hunter-Lab	65.4260, -42.1433, 18.8054

Details

The Hex color **41C587** 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 **C5417F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7FFFBD**, and **008E55** is the 20% darker color. If you saturate the color by 10%, you get **2DC57E**, and if you desaturate by 10%, it is **55C590**.

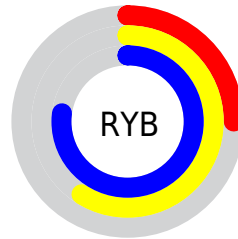
Distribution



Red (25%)

Green (77%)

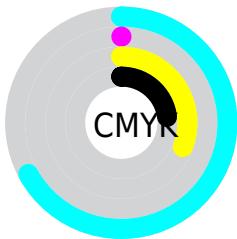
Blue (53%)



Red (25%)

Yellow (59%)

Blue (77%)

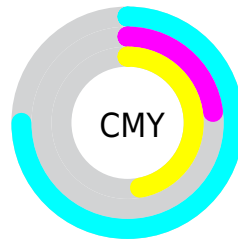


Cyan (67%)

Magenta (0%)

Yellow (31%)

Black (23%)



Cyan (75%)

Magenta (23%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41C587 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 41C587 by changing the saturation by 10% instead.

 41C587

 41C587

FFFFFF

 16A96D

 7FFFBD

 008E55

 9DFFD8

 00743D

 BAFFF5

 005A27

 D8FFFF

 004111

 F6FFFF

 002C00

 000A00

 000000

 41C587

 41C587

 2DC57E

 55C590

 1AC574

 68C59A

 06C56B

 7CC5A3

 00C568

 90C5AC

 A4C5B5

 B7C5BF

 CBC5C8

 DFC5D1

 F2C5DA

Harmonies

Analogous

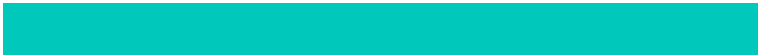
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BBD5D



41C587



00C8BA

Triad

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



41C587



6DB0FF



FF8D75

Complementary

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



41C587



C5417F

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.



FF84A5



41C587



C39DFE

Square

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



41C587



00BEFF



F58BD6



EA9F53

Rectangle

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



41C587



00C7DB



F58BD6



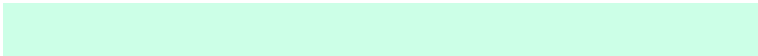
FF8984

Sweetspot

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



41C587



CCFFE7



81C541



618071



000000



808080

Same Dimension

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



41C587



33FF9F



41C3C5



5A635F



00A357



002413

Inverse Universe

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



C5417F



FF3393



C54341



635A5E



A3004D



240011

Previews

White Background



This preview shows how the Hex color 41C587 looks on a white background.

Color Contrast Check

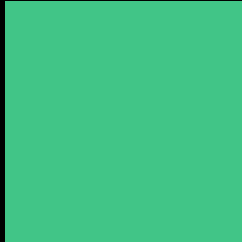
Large Text (above 18pt) WCAG AA × Fail

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 41C587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

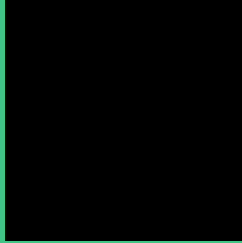
Any Text WCAG AA ✓ Pass

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 41C587 Background



This preview shows how black text looks on a background with the Hex color 41C587.

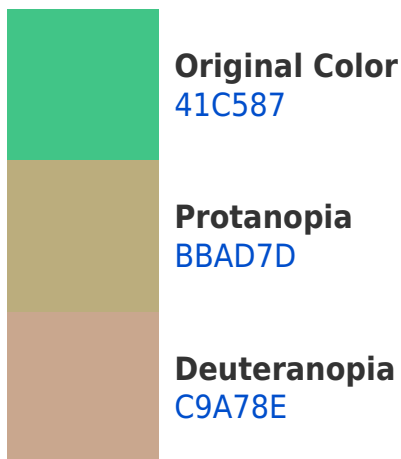


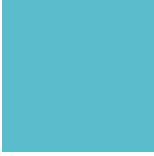
This preview shows how white text looks on a background with the Hex color 41C587.

Color Blindness Simulation

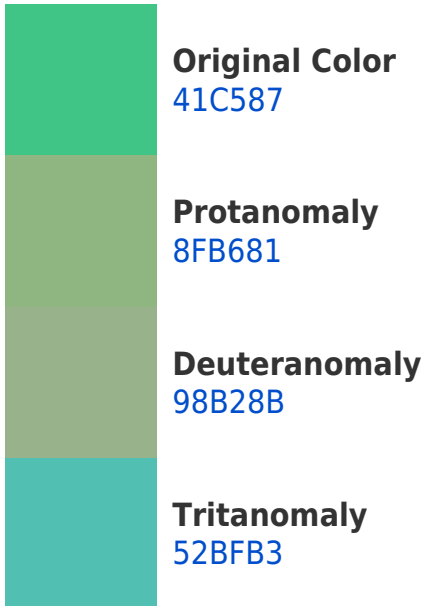
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

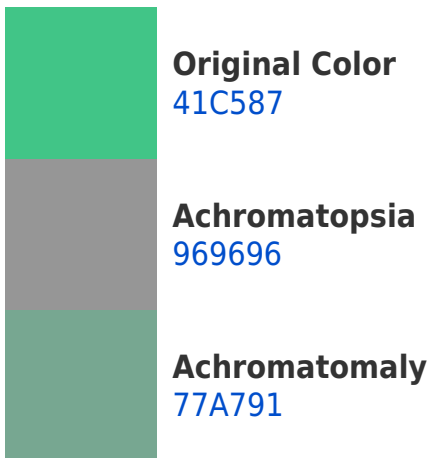




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41C587 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 #41C587 looks like.

```
.text, #text, p{  
    color:#41C587  
}
```

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 #41C587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C587
}
```

Border

The CSS property to change the border of an element to Hex 41C587 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
#41C587 }
```

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

```
.border{ border-color:#41C587 }
```

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

Here you see how a box with a 4 pixel #41C587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C587; -webkit-box-shadow:4px 4px  
4px 4px #41C587; box-shadow:4px 4px 4px  
4px #41C587 }
```

Background

The CSS property to change the background color of an element to Hex 41C587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C587 }
```

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

```
.background{ background-color:#41C587 }
```

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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