

# Converting Colors

Hex(43C16D)

Have a look what the booklet for  
Hex(43C16D) contains.

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# Color

Hex(43C16D)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 43C16D                       |
| RGB         | 67, 193, 109                 |
| RGB Percent | 26%, 76%, 43%                |
| CMY         | 0.7373, 0.2431, 0.5725       |
| CMYK        | 0.65, 0.00, 0.44, 0.24       |
| HSL         | 140°, 50%, 51%               |
| HSV         | 140°, 65%, 76%               |
| XYZ         | 24.1450, 40.4373, 21.0006    |
| YIQ         | 145.7500, -48.1320, -52.8360 |

# Conversions

## Conversions Part 2

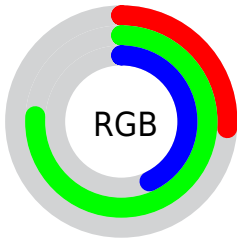
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">67, 162, 193</a>                                 |
| Decimal                             | <a href="#">4440429</a>                                      |
| CIELab                              | <a href="#">69.78, -53.08, 32.34</a>                         |
| CIELCh                              | <a href="#">70, 62.154, 148.644</a>                          |
| Yxy                                 | <a href="#">40.4373, 0.2821, 0.4725</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4282630509</a><br>( <a href="#">0xFF43C16D</a> ) |
| YUV                                 | <a href="#">145.7500, -18.1177, -69.0637</a>                 |
| Hunter-Lab                          | <a href="#">63.5904, -43.5074, 24.9328</a>                   |

# Details

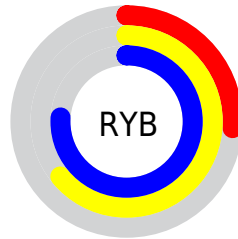
The Hex color **43C16D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C14397**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **80FAA2**, and **008A3C** is the 20% darker color. If you saturate the color by 10%, you get **30C160**, and if you desaturate by 10%, it is **56C17A**.

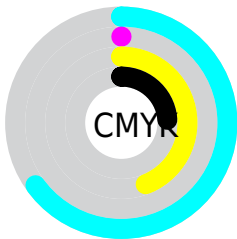
# Distribution



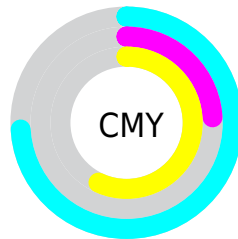
- Red (26%)
- Green (76%)
- Blue (43%)



- Red (26%)
- Yellow (64%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)



- Cyan (74%)
- Magenta (24%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43C16D 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 43C16D by changing the saturation by 10% instead.



 43C16D

 43C16D

FFFFFF

 1CA554

 80FAA2

 008A3C

 9EFFBD

 007024

 BBFFD9

 00560B

 D9FFF6

 003E00

 F7FFFF

 002700

 000000

 43C16D

 43C16D

 30C160

 56C17A

 1CC153

 6AC187

 09C146

 7DC194

 00C140

 90C1A0

 A3C1AD

 B7C1BA

 CAC1C7

 DDC1D4

 F1C1E1

# Harmonies

## Analogous

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



93B740



43C16D



00C6A6

# Triad

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



43C16D



00B2FF



FF7D78

# Complementary

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



43C16D



C14397

# 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.



FF77AF



43C16D



A79DFF

# Square

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



43C16D



00BFFF



ED85E6



F6914A

# Rectangle

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



43C16D



00C6CD



ED85E6



FF798A

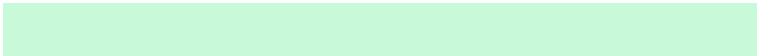


# Sweetspot

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



43C16D



C8FAD9



97C143



5F7D69



FCFCFC



7D7D7D



# Same Dimension

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



43C16D



37FA78



43C1AC



57615A



00A136



00210B



# Inverse Universe

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



C14397



FA37B9



C14358



61575E



A1006B



210016



# Previews

## White Background



This preview shows how the Hex color 43C16D looks on a white background.

## Color Contrast Check

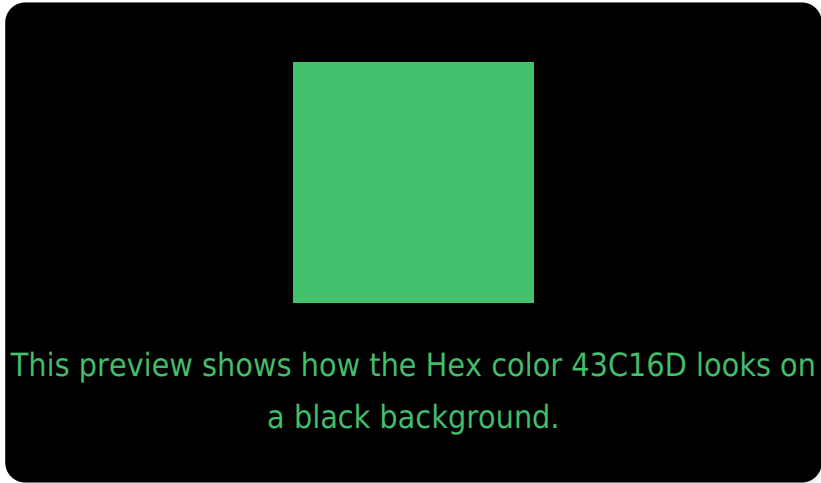
Large Text (above 18pt) WCAG AA × Fail

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 43C16D Background



This preview shows how black text looks on a background with the Hex color 43C16D.

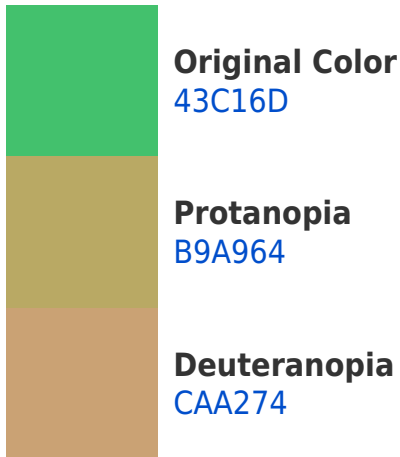


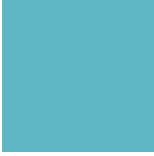
This preview shows how white text looks on a background with the Hex color 43C16D.

# 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](#).

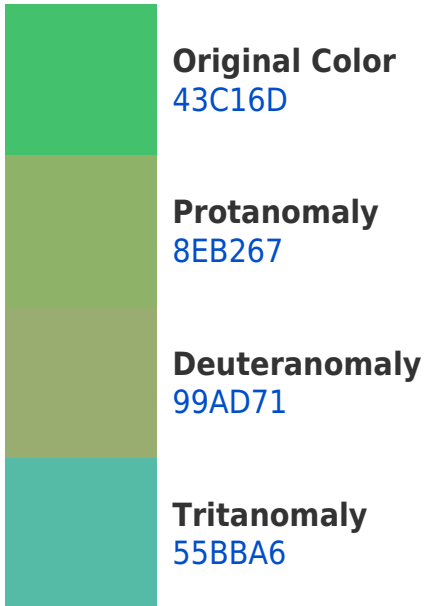
## Dichromacy



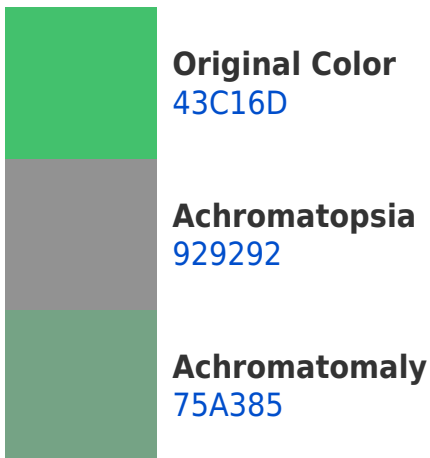


**Tritanopia**  
5FB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43C16D 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 #43C16D looks like.

```
.text, #text, p{  
    color:#43C16D  
}
```

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 #43C16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43C16D
}
```

## Border

The CSS property to change the border of an element to Hex 43C16D 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
#43C16D }
```

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

```
.border{ border-color:#43C16D }
```

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

Here you see how a box with a 4 pixel #43C16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43C16D; -webkit-box-shadow:4px 4px  
4px 4px #43C16D; box-shadow:4px 4px 4px  
4px #43C16D }
```

# Background

The CSS property to change the background color of an element to Hex 43C16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43C16D }
```

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

```
.background{ background-color:#43C16D }
```

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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