

# Converting Colors

Hex(41C622)

Have a look what the booklet for  
Hex(41C622) contains.

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**Color**

**Hex(41C622)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 41C622                       |
| RGB         | 65, 198, 34                  |
| RGB Percent | 25%, 78%, 13%                |
| CMY         | 0.7451, 0.2235, 0.8667       |
| CMYK        | 0.67, 0.00, 0.83, 0.22       |
| HSL         | 109°, 71%, 45%               |
| HSV         | 109°, 83%, 78%               |
| XYZ         | 22.6628, 41.6275, 8.3538     |
| YIQ         | 139.5370, -26.6240, -79.2000 |

# Conversions

## Conversions Part 2

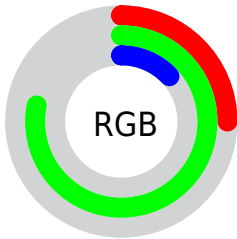
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 34, 198, 167                    |
| Decimal                             | 4310562                         |
| CIELab                              | 70.61, -63.29, 64.35            |
| CIELCh                              | 71, 90.255, 134.523             |
| Yxy                                 | 41.6275, 0.3120,<br>0.5730      |
| Android<br>(android.graphics.Color) | 4282500642<br>(0xFF41C622)      |
| YUV                                 | 139.5370, -52.0297,<br>-65.3689 |
| Hunter-Lab                          | 64.5194, -50.2097,<br>37.4868   |

# Details

The Hex color **41C622** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **A722C6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **82FF5F**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **31C60E**, and if you desaturate by 10%, it is **51C636**.

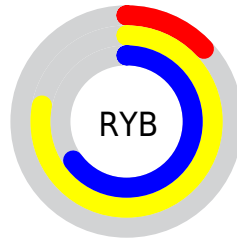
# Distribution



Red (25%)

Green (78%)

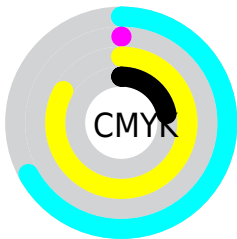
Blue (13%)



Red (13%)

Yellow (78%)

Blue (65%)

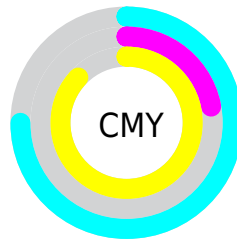


Cyan (67%)

Magenta (0%)

Yellow (83%)

Black (22%)



Cyan (75%)

Magenta (22%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C622 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 41C622 by changing the saturation by 10% instead.



 41C622

 41C622

FFFFFF

 0FAA00

 82FF5F

 008F00

 A1FF7A

 007400

 BFFF96

 005A00

 DDFFB3

 004100

 FCFFD0

 002900

 FFFFED

 000400

 000000

 41C622

 41C622

■ 31C60E

■ 51C636

■ 25C600

■ 61C64A

■ 71C65D

■ 81C671

■ 91C685

■ A1C699

■ B1C6AD

■ C1C6C0

■ D2C6D4

# Harmonies

## Analogous

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



ABB500



41C622



00CE7E

# Triad

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



41C622



00C2FF



FF4C89

# Complementary

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



41C622



A722C6

# 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.



FF55DB



41C622



00A9FF

# Square

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



41C622



00CEFF



E082FF



FF723A

# Rectangle

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



41C622



00D1B7



E082FF



FF48A4

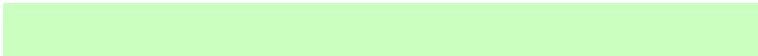


# Sweetspot

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



41C622



CBFFBF



C6A522



608059



000000



808080



# Same Dimension

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



41C622



32FF03



22C653



5B635A



1FA300



072400



# Inverse Universe

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



A722C6



CF03FF



C62295



625A63



8400A3

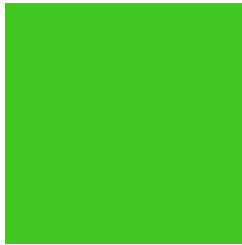


1D0024



# Previews

## White Background



This preview shows how the Hex color 41C622 looks on a white background.

## Color Contrast Check

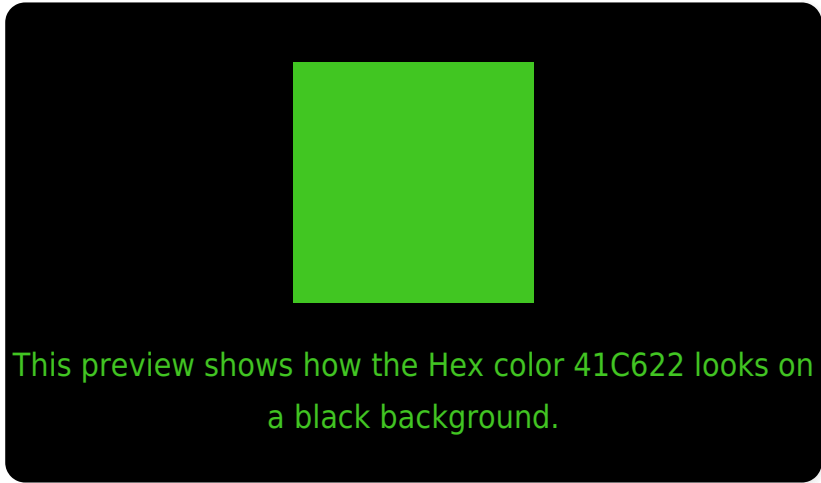
Large Text (above 18pt) WCAG AA × Fail

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

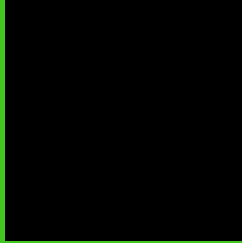
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41C622 Background



This preview shows how black text looks on a background with the Hex color 41C622.

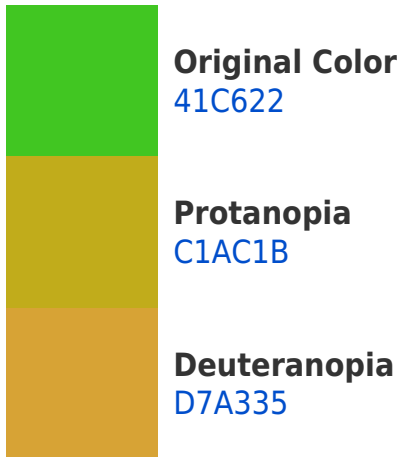


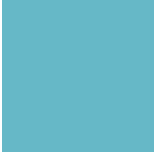
This preview shows how white text looks on a background with the Hex color 41C622.

# 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](#).

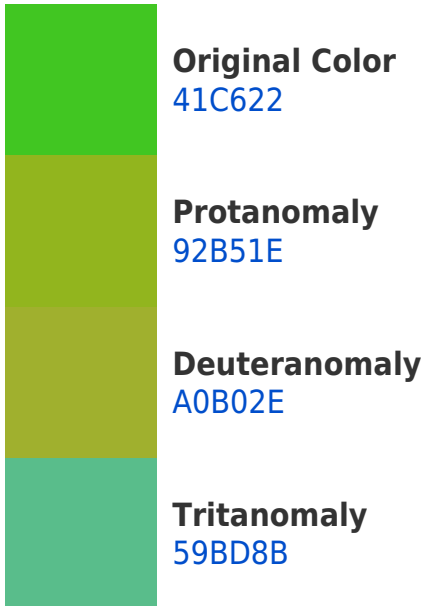
## Dichromacy



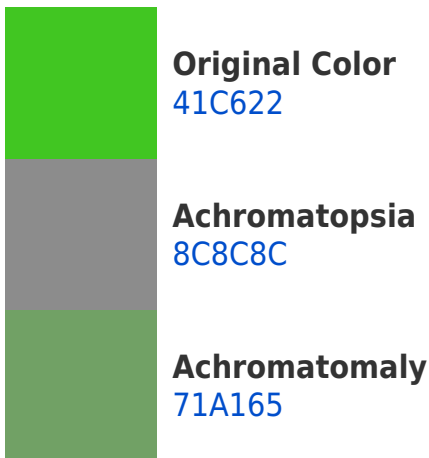


**Tritanopia**  
66B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C622 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 #41C622 looks like.

```
.text, #text, p{  
    color:#41C622  
}
```

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 #41C622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C622
}
```

## Border

The CSS property to change the border of an element to Hex 41C622 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
#41C622 }
```

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

```
.border{ border-color:#41C622 }
```

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

Here you see how a box with a 4 pixel #41C622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C622; -webkit-box-shadow:4px 4px  
4px 4px #41C622; box-shadow:4px 4px 4px  
4px #41C622 }
```

# Background

The CSS property to change the background color of an element to Hex 41C622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C622 }
```

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

```
.background{ background-color:#41C622 }
```

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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