

# Converting Colors

Hex(2EC503)

Have a look what the booklet for  
Hex(2EC503) contains.

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**Color**

**Hex(2EC503)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2EC503                       |
| RGB         | 46, 197, 3                   |
| RGB Percent | 18%, 77%, 1%                 |
| CMY         | 0.8196, 0.2275, 0.9882       |
| CMYK        | 0.77, 0.00, 0.98, 0.23       |
| HSL         | 107°, 97%, 39%               |
| HSV         | 107°, 98%, 77%               |
| XYZ         | 21.1094, 40.5199, 6.7947     |
| YIQ         | 129.7350, -27.7220, -92.3460 |

# Conversions

## Conversions Part 2

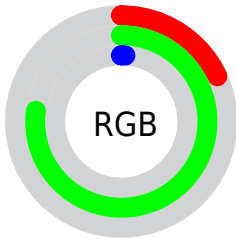
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 3, 197, 154                     |
| Decimal                             | 3065091                         |
| CIELab                              | 69.84, -67.20, 68.67            |
| CIELCh                              | 70, 96.077, 134.380             |
| Yxy                                 | 40.5199, 0.3085,<br>0.5922      |
| Android<br>(android.graphics.Color) | 4281255171<br>(0xFF2EC503)      |
| YUV                                 | 129.7350, -62.4804,<br>-73.4356 |
| Hunter-Lab                          | 63.6553, -52.2024,<br>38.2299   |

# Details

The Hex color **2EC503** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9A03C5**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **77FF51**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **2CC500**, and if you desaturate by 10%, it is **3DC517**.

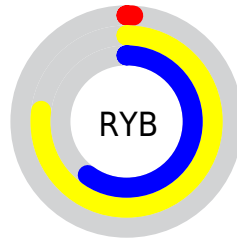
# Distribution



Red (18%)

Green (77%)

Blue (1%)



Red (1%)

Yellow (77%)

Blue (60%)

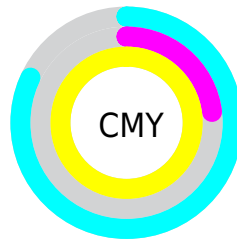


Cyan (77%)

Magenta (0%)

Yellow (98%)

Black (23%)



Cyan (82%)

Magenta (23%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EC503 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 2EC503 by changing the saturation by 10% instead.



 2EC503

 2EC503

FFFFFF

 00A900

 77FF51

 008E00

 96FF6E

 007300

 B5FF8A

 005900

 D3FFA7

 004000

 F2FFC3

 002700

 FFFFE1

 000000

FFFFFFE

 2EC503

 2EC503

■ 2CC500

■ 3DC517

■ 4DC52A

■ 5CC53E

■ 6BC552

■ 7BC566

■ 8AC579

■ 99C58D

■ A9C5A1

■ B8C5B4

# Harmonies

## Analogous

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



A7B400



2EC503



00CD78

# Triad

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



2EC503



00C2FF



FF3885

# Complementary

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



2EC503



9A03C5

# 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.



FF46DC



2EC503



00A8FF

# Square

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



2EC503



00CEFF



E07CFF



FF692F

# Rectangle

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



2EC503



00D0B6



E07CFF



FF31A2

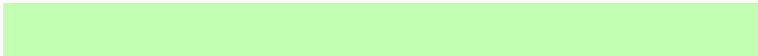


# Sweetspot

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



2EC503



C3FFB3



C59803



5C8052



000000



808080



# Same Dimension

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



2EC503



39FF00



03C537



5C635A



24A300



082400



# Inverse Universe

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



9A03C5



C600FF



C50391



615A63



7F00A3

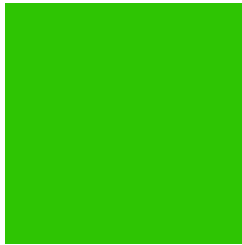


1C0024



# Previews

## White Background



This preview shows how the Hex color 2EC503 looks on a white background.

## Color Contrast Check

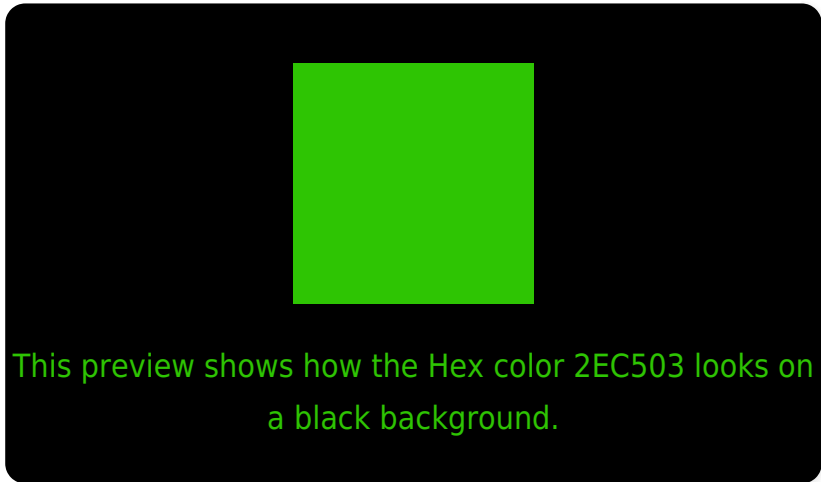
Large Text (above 18pt) WCAG AA × Fail

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 2EC503 Background



This preview shows how black text looks on a background with the Hex color 2EC503.

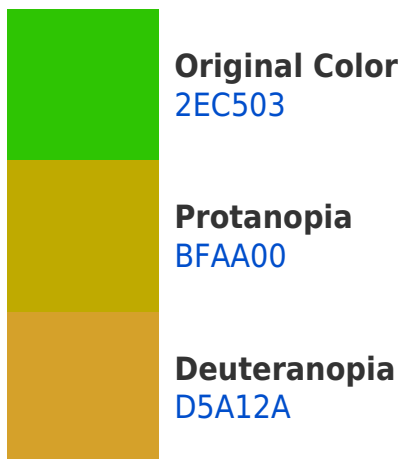


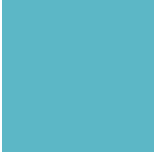
This preview shows how white text looks on a background with the Hex color 2EC503.

# 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**  
5CB7C6

# Trichromacy



**Original Color**  
2EC503



**Protanomaly**  
8AB401



**Deuteranomaly**  
98AE1C



**Tritanomaly**  
4BBC7F

# Monochromacy



**Original Color**  
2EC503



**Achromatopsia**  
828282



**Achromatomaly**  
639A54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EC503 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 #2EC503 looks like.

```
.text, #text, p{  
    color:#2EC503  
}
```

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 #2EC503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC503
}
```

## Border

The CSS property to change the border of an element to Hex 2EC503 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".

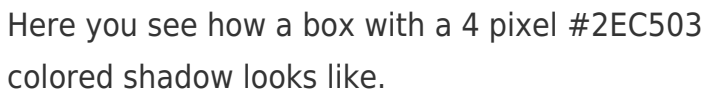
```
.border, #border, table{ border:4px solid
#2EC503 }
```

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

```
.border{ border-color:#2EC503 }
```

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

Here you see how a box with a 4 pixel #2EC503 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC503; -webkit-box-shadow:4px 4px  
4px 4px #2EC503; box-shadow:4px 4px 4px  
4px #2EC503 }
```

# Background

The CSS property to change the background color of an element to Hex 2EC503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC503 }
```

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

```
.background{ background-color:#2EC503 }
```

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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