

# Converting Colors

Hex(25CC41)

Have a look what the booklet for  
Hex(25CC41) contains.

<b>Hex(25CC41)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(25CC41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25CC41
RGB	37, 204, 65
RGB Percent	15%, 80%, 25%
CMY	0.8549, 0.2000, 0.7451
CMYK	0.82, 0.00, 0.68, 0.20
HSL	130°, 69%, 47%
HSV	130°, 82%, 80%
XYZ	23.3099, 43.9607, 12.2577
YIQ	138.2210, -54.9130, -78.6330

# Conversions

## Conversions Part 2

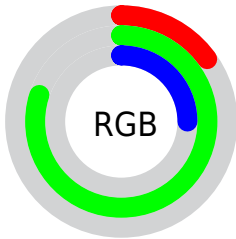
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 180, 204
Decimal	2477121
CIELab	72.20, -67.21, 55.50
CIELCh	72, 87.165, 140.451
Yxy	43.9607, 0.2931, 0.5528
Android (android.graphics.Color)	4280667201 (0xFF25CC41)
YUV	138.2210, -36.0980, -88.7708
Hunter-Lab	66.3029, -53.2752, 35.4508

# Details

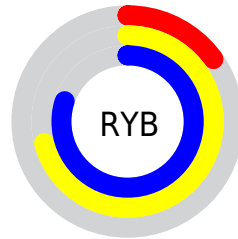
The Hex color **25CC41** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CC25B0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **72FF77**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **11CC30**, and if you desaturate by 10%, it is **39CC52**.

# Distribution



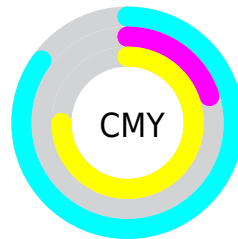
- Red (15%)
- Green (80%)
- Blue (25%)



- Red (15%)
- Yellow (71%)
- Blue (80%)



- Cyan (82%)
- Magenta (0%)
- Yellow (68%)
- Black (20%)



- Cyan (85%)
- Magenta (20%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25CC41 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 25CC41 by changing the saturation by 10% instead.



 25CC41

 25CC41

FFFFFF

 00B024

 72FF77

 009400

 91FF93

 007900

 B0FFAE

 005F00

 CFFFCB

 004500

 EEFFE8

 002E00

 000E00

 000000

 25CC41

 25CC41

■ 11CC30

■ 39CC52

■ 00CC22

■ 4ECC63

■ 62CC74

■ 77CC85

■ 8BCC96

■ 9FCCA7

■ B4CCB8

■ C8CCC9

■ DDCCDA

# Harmonies

## Analogous

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



A1BD00



25CC41



00D394

# Triad

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



25CC41



00C2FF



FF5D7F

# Complementary

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



25CC41



CC25B0

# Split Complementary

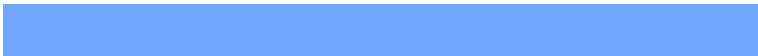
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5BCE



25CC41



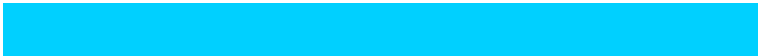
71A7FF

# Square

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



25CC41



00D0FF



F680FF



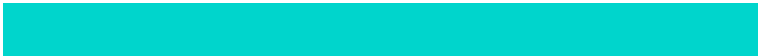
FF8133

# Rectangle

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



25CC41



00D5CC



F680FF



FF5699

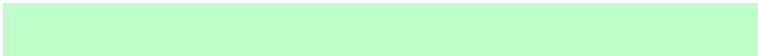


# Sweetspot

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



25CC41



BFFCA



B0CC25



598060



000000



808080



# Same Dimension

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



25CC41



05FF2F



25CC94



5C665E



00A61C



002606



# Inverse Universe

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



CC25B0



FF05D5



CC255D



665C64



A6008A

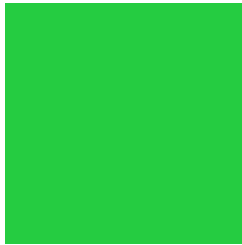


260020



# Previews

## White Background



This preview shows how the Hex color 25CC41 looks on a white background.

## Color Contrast Check

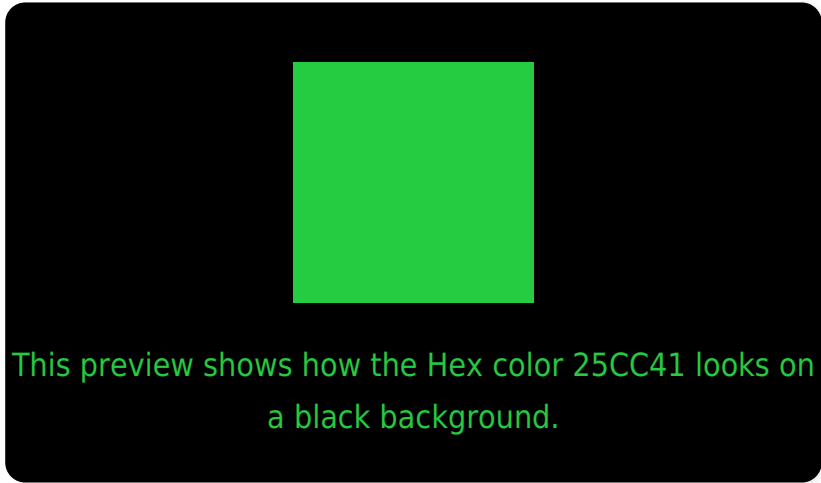
Large Text (above 18pt) WCAG AA × Fail

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 25CC41 Background



This preview shows how black text looks on a background with the Hex color 25CC41.

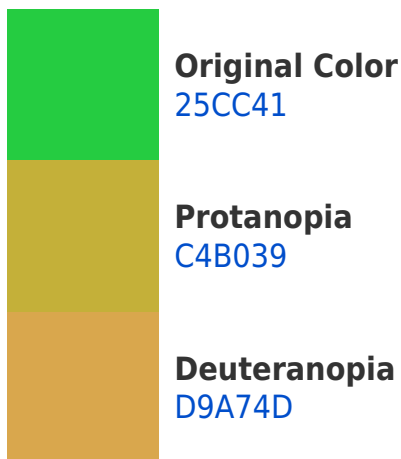


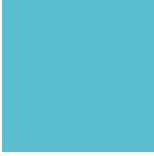
This preview shows how white text looks on a background with the Hex color 25CC41.

# 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**  
59BFCE

# Trichromacy



**Original Color**  
25CC41



**Protanomaly**  
8ABA3C



**Deuteranomaly**  
98B449



**Tritanomaly**  
46C49B

# Monochromacy



**Original Color**  
25CC41



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
65A26F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25CC41 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 #25CC41 looks like.

```
.text, #text, p{  
    color:#25CC41  
}
```

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 #25CC41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25CC41  
}
```

## Border

The CSS property to change the border of an element to Hex 25CC41 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  
#25CC41 }
```

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

```
.border{ border-color:#25CC41 }
```

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

Here you see how a box with a 4 pixel #25CC41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25CC41; -webkit-box-shadow:4px 4px  
4px 4px #25CC41; box-shadow:4px 4px 4px  
4px #25CC41 }
```

# Background

The CSS property to change the background color of an element to Hex 25CC41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25CC41 }
```

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

```
.background{ background-color:#25CC41 }
```

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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