

Converting Colors

Hex(25CB4E)

Have a look what the booklet for
Hex(25CB4E) contains.

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Color

Hex(25CB4E)

Conversions

Conversions Part 1

Format	Color
Hex	25CB4E
RGB	37, 203, 78
RGB Percent	15%, 80%, 31%
CMY	0.8549, 0.2039, 0.6941
CMYK	0.82, 0.00, 0.62, 0.20
HSL	135°, 69%, 47%
HSV	135°, 82%, 80%
XYZ	23.4940, 43.6552, 14.3958
YIQ	139.1160, -58.8110, -74.0670

Conversions

Conversions Part 2

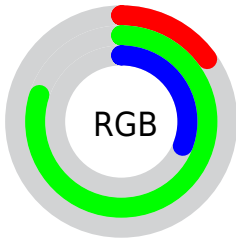
Format	Color
RYB	37, 170, 203
Decimal	2476878
CIELab	72.00, -65.51, 49.83
CIELCh	72, 82.306, 142.739
Yxy	43.6552, 0.2881, 0.5354
Android (android.graphics.Color)	4280666958 (0xFF25CB4E)
YUV	139.1160, -30.1302, -89.5557
Hunter-Lab	66.0721, -52.1549, 33.3324

Details

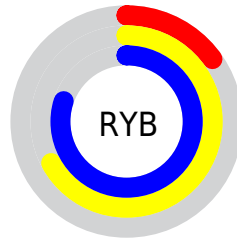
The Hex color **25CB4E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted green. A complement of this color would be **CB25A2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **71FF83**, and **009316** is the 20% darker color. If you saturate the color by 10%, you get **11CB3F**, and if you desaturate by 10%, it is **39CB5D**.

Distribution



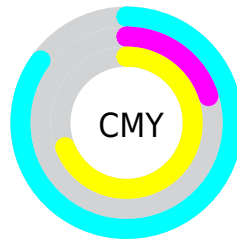
- Red (15%)
- Green (80%)
- Blue (31%)



- Red (15%)
- Yellow (67%)
- Blue (80%)



- Cyan (82%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)



- Cyan (85%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25CB4E 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 25CB4E by changing the saturation by 10% instead.

 25CB4E

 25CB4E

FFFFFF

 00AF33

 71FF83

 009316

 90FF9E

 007800

 AFFFBA

 005E00

 CEFFD7

 004500

 ECFFF4

 002D00

 000D00

 000000

 25CB4E

 25CB4E

 11CB3F

 39CB5D

 00CB32

 4ECB6D

 62CB7C

 76CB8B

 8BCB9A

 9FCBAA

 B3CBB9

 C7CBC8

 DCCBD8

Harmonies

Analogous

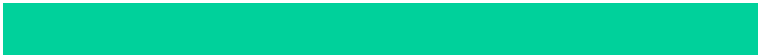
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CBE00



25CB4E



00D19B

Triad

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



25CB4E



00BFFF



FF667B

Complementary

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



25CB4E



CB25A2

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.



FF62C6



25CB4E



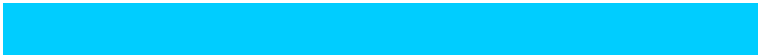
87A4FF

Square

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



25CB4E



00CDFE



F880FF



FF8636

Rectangle

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



25CB4E



00D3D0



F880FF



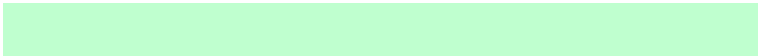
FF6094

Sweetspot

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



25CB4E



BFFFCF



A4CB25



598063



000000



808080

Same Dimension

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



25CB4E



05FF43



25CB9F



5C665E



00A629



002609

Inverse Universe

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



CB25A2



FF05C1



CB2551



665C63



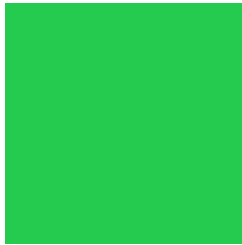
A6007D



26001D

Previews

White Background



This preview shows how the Hex color 25CB4E 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 25CB4E 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 25CB4E Background



This preview shows how black text looks on a background with the Hex color 25CB4E.



This preview shows how white text looks on a background with the Hex color 25CB4E.

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](#).

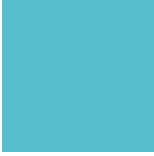
Dichromacy



Original Color
25CB4E

Protanopia
C3AF46

Deuteranopia
D7A759



Trichromacy



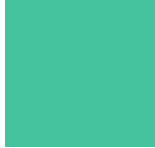
Original Color
25CB4E



Protanomaly
8AB949



Deuteranomaly
96B455



Tritanomaly
45C39F

Monochromacy



Original Color
25CB4E



Achromatopsia
8B8B8B



Achromatomaly
66A275

CSS Examples

Text

The CSS property to change the color of the text to Hex 25CB4E 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 #25CB4E looks like.

```
.text, #text, p{  
    color:#25CB4E  
}
```

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 #25CB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25CB4E
}
```

Border

The CSS property to change the border of an element to Hex 25CB4E 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
#25CB4E }
```

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

```
.border{ border-color:#25CB4E }
```

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

Here you see how a box with a 4 pixel #25CB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25CB4E; -webkit-box-shadow:4px 4px  
4px 4px #25CB4E; box-shadow:4px 4px 4px  
4px #25CB4E }
```

Background

The CSS property to change the background color of an element to Hex 25CB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25CB4E }
```

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

```
.background{ background-color:#25CB4E }
```

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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