

# Converting Colors

Hex(25DA6E)

Have a look what the booklet for  
Hex(25DA6E) contains.

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# Color

Hex(25DA6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	25DA6E
RGB	37, 218, 110
RGB Percent	15%, 85%, 43%
CMY	0.8549, 0.1451, 0.5686
CMYK	0.83, 0.00, 0.50, 0.15
HSL	144°, 71%, 50%
HSV	144°, 83%, 85%
XYZ	28.6488, 51.6619, 23.2137
YIQ	151.5690, -73.2080, -71.9600

# Conversions

## Conversions Part 2

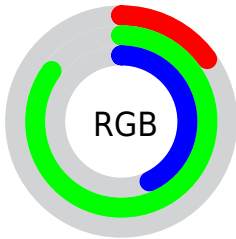
Format	Color
<a href="#">RYB</a>	<a href="#">37, 166, 218</a>
Decimal	<a href="#">2480750</a>
CIELab	<a href="#">77.08, -65.96, 41.00</a>
CIELCh	<a href="#">77, 77.662, 148.133</a>
Yxy	<a href="#">51.6619, 0.2767, 0.4990</a>
Android (android.graphics.Color)	<a href="#">4280670830 (0xFF25DA6E)</a>
YUV	<a href="#">151.5690, -20.4935, -100.4770</a>
Hunter-Lab	<a href="#">71.8762, -54.6359, 31.1646</a>

# Details

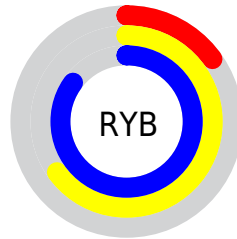
The Hex color **25DA6E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DA2591**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **73FFA3**, and **00A13B** is the 20% darker color. If you saturate the color by 10%, you get **0FDA61**, and if you desaturate by 10%, it is **3BDA7B**.

# Distribution



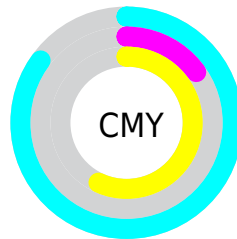
- Red (15%)
- Green (85%)
- Blue (43%)



- Red (15%)
- Yellow (65%)
- Blue (85%)



- Cyan (83%)
- Magenta (0%)
- Yellow (50%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25DA6E 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 25DA6E by changing the saturation by 10% instead.



 25DA6E

 25DA6E

FFFFFF

 00BD54

 73FFA3

 00A13B

 93FFBF

 008622

 B3FFDB

 006C03

 D2FFF8

 005200

 F1FFFF

 003A00

 002000

 000000

 25DA6E

 25DA6E

 0FDA61

 3BDA7B

 00DA58

 51DA88

 66DA95

 7CDAA2

 92DAAF

 A8DABC

 BEDAC9

 D3DAD6

 E9DAE3

# Harmonies

## Analogous

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



9FCE2E



25DA6E



00E0B7

# Triad

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



25DA6E



00C8FF



FF807F

# Complementary

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



25DA6E



DA2591

# 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.



FF77C6



25DA6E



B4ADFF

# Square

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



25DA6E



00D9FF



FF8CFF



FF9D41

# Rectangle

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



25DA6E



00E0E9



FF8CFF



FF7A96

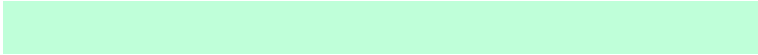


# Sweetspot

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



25DA6E



BFFFD9



92DA25



598069



000000



808080



# Same Dimension

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



25DA6E



00FF67



25DAC8



636E67



00AD46



002E13



# Inverse Universe

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



DA2591



FF0098



DA2537



6E6369



AD0067

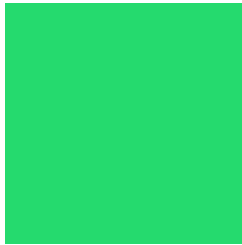


2E001B



# Previews

## White Background



This preview shows how the Hex color 25DA6E 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 25DA6E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

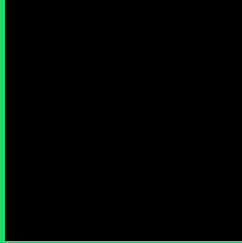
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 25DA6E Background



This preview shows how black text looks on a background with the Hex color 25DA6E.

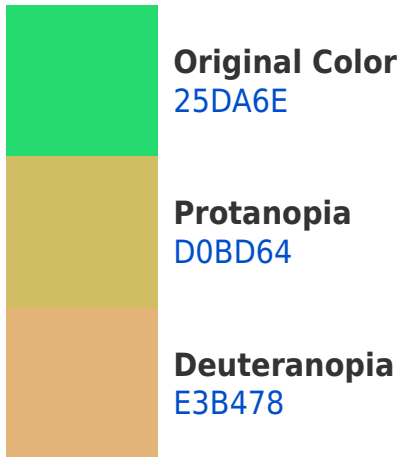


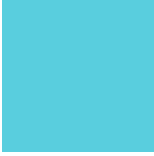
This preview shows how white text looks on a background with the Hex color 25DA6E.

# 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





# Trichromacy



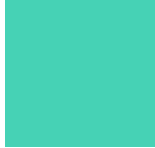
**Original Color**  
25DA6E



**Protanomaly**  
92C868



**Deuteranomaly**  
9EC274



**Tritanomaly**  
46D2B5

# Monochromacy



**Original Color**  
25DA6E



**Achromatopsia**  
989898



**Achromatomaly**  
6EB089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25DA6E 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 #25DA6E looks like.

```
.text, #text, p{  
    color:#25DA6E  
}
```

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 #25DA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25DA6E
}
```

## Border

The CSS property to change the border of an element to Hex 25DA6E 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
#25DA6E }
```

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

```
.border{ border-color:#25DA6E }
```

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

Here you see how a box with a 4 pixel #25DA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25DA6E; -webkit-box-shadow:4px 4px  
4px 4px #25DA6E; box-shadow:4px 4px 4px  
4px #25DA6E }
```

# Background

The CSS property to change the background color of an element to Hex 25DA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25DA6E }
```

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

```
.background{ background-color:#25DA6E }
```

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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