

# Converting Colors

Hex(23D467)

Have a look what the booklet for  
Hex(23D467) contains.

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# Color

**Hex(23D467)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23D467
RGB	35, 212, 103
RGB Percent	14%, 83%, 40%
CMY	0.8627, 0.1686, 0.5961
CMYK	0.83, 0.00, 0.51, 0.17
HSL	143°, 72%, 48%
HSV	143°, 83%, 83%
XYZ	26.6848, 48.4236, 20.7722
YIQ	146.6510, -70.5030, -71.4230

# Conversions

## Conversions Part 2

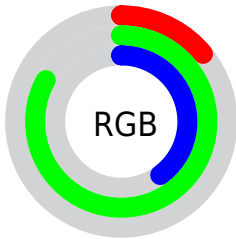
Format	Color
<b>RYB</b>	35, 163, 212
Decimal	2348135
CIELab	75.09, -65.24, 41.92
CIELCh	75, 77.543, 147.275
Yxy	48.4236, 0.2783, 0.5050
Android (android.graphics.Color)	4280538215 (0xFF23D467)
YUV	146.6510, -21.5199, -97.9179
Hunter-Lab	69.5870, -53.3273, 31.0125

# Details

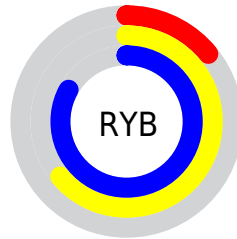
The Hex color **23D467** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D42390**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FF9C**, and **009C34** is the 20% darker color. If you saturate the color by 10%, you get **0ED45A**, and if you desaturate by 10%, it is **38D474**.

# Distribution



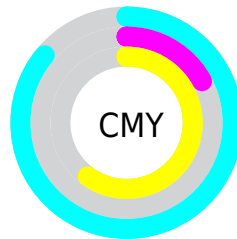
- Red (14%)
- Green (83%)
- Blue (40%)



- Red (14%)
- Yellow (64%)
- Blue (83%)



- Cyan (83%)
- Magenta (0%)
- Yellow (51%)
- Black (17%)



- Cyan (86%)
- Magenta (17%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23D467 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 23D467 by changing the saturation by 10% instead.



 23D467

 23D467

FFFFFF

 00B84D

 71FF9C

 009C34

 91FFB8

 00811A

 B0FFD4

 006600

 CFFFF0

 004C00

 EEEFFF

 003500

 001A00

 000000

 23D467

 23D467

 0ED45A

 38D474

 00D451

 4DD481

 63D48E

 78D49B

 8DD4A8

 A2D4B5

 B7D4C2

 CDD4CF

 E2D4DC

# Harmonies

## Analogous

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



9CC826



23D467



00DAB0

# Triad

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



23D467



00C3FF



FF7A7C

# Complementary

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



23D467



D42390

# 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.



FF71C3



23D467



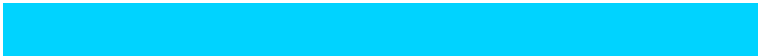
ABA9FF

# Square

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



23D467



00D3FF



FF88FF



FF973D

# Rectangle

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



23D467



00DAE1



FF88FF



FF7493

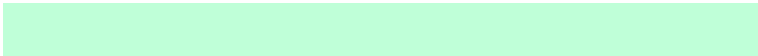


# Sweetspot

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



23D467



BFFFD8



90D423



598068



000000



808080



# Same Dimension

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



23D467



00FF62



23D4BF



606B65



00AB42



002B11



# Inverse Universe

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



D42390



FF009D



D42338



6B6067



AB0069

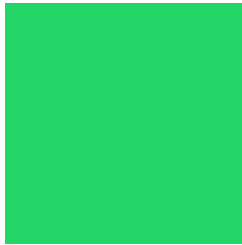


2B001B



# Previews

## White Background



This preview shows how the Hex color 23D467 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 23D467 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 23D467 Background



This preview shows how black text looks on a background with the Hex color 23D467.

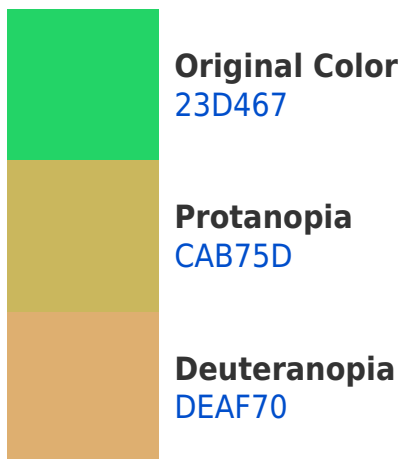


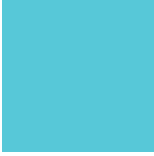
This preview shows how white text looks on a background with the Hex color 23D467.

# 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**  
57C8D8

# Trichromacy



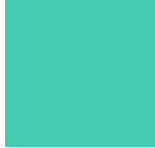
**Original Color**  
23D467



**Protanomaly**  
8DC261



**Deuteranomaly**  
9ABC6D



**Tritanomaly**  
44CCAF

# Monochromacy



**Original Color**  
23D467



**Achromatopsia**  
939393



**Achromatomaly**  
6AAB83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23D467 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 #23D467 looks like.

```
.text, #text, p{  
    color:#23D467  
}
```

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 #23D467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23D467
}
```

## Border

The CSS property to change the border of an element to Hex 23D467 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
#23D467 }
```

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

```
.border{ border-color:#23D467 }
```

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

Here you see how a box with a 4 pixel #23D467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23D467; -webkit-box-shadow:4px 4px  
4px 4px #23D467; box-shadow:4px 4px 4px  
4px #23D467 }
```

# Background

The CSS property to change the background color of an element to Hex 23D467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23D467 }
```

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

```
.background{ background-color:#23D467 }
```

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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