

# Converting Colors

Hex(23C169)

Have a look what the booklet for  
Hex(23C169) contains.

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# Color

Hex(23C169)

# Conversions

## Conversions Part 1

Format	Color
Hex	23C169
RGB	35, 193, 105
RGB Percent	14%, 76%, 41%
CMY	0.8627, 0.2431, 0.5882
CMYK	0.82, 0.00, 0.46, 0.24
HSL	147°, 69%, 45%
HSV	147°, 82%, 76%
XYZ	22.3129, 39.5172, 19.8162
YIQ	135.7260, -65.9200, -60.8640

# Conversions

## Conversions Part 2

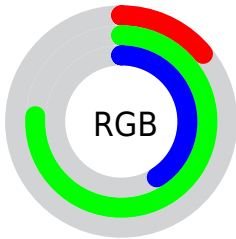
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 144, 193
Decimal	2343273
CIELab	69.12, -58.47, 33.43
CIELCh	69, 67.351, 150.245
Yxy	39.5172, 0.2733, 0.4840
Android (android.graphics.Color)	4280533353 (0xFF23C169)
YUV	135.7260, -15.1479, -88.3367
Hunter-Lab	62.8627, -46.6517, 25.3139

# Details

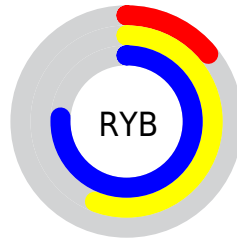
The Hex color **23C169** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C1237B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6CFB9D**, and **008A38** is the 20% darker color. If you saturate the color by 10%, you get **10C15E**, and if you desaturate by 10%, it is **36C174**.

# Distribution



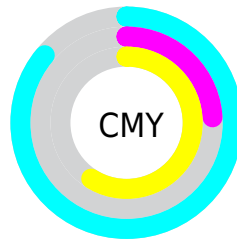
- Red (14%)
- Green (76%)
- Blue (41%)



- Red (14%)
- Yellow (56%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23C169 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 23C169 by changing the saturation by 10% instead.



 23C169

 23C169


FFFFFF

 00A550

 6CFB9D

 008A38

 8BFFB9

 006F20

 A9FFD5

 005605

 C8FFF1

 003D00

 E6FFFF

 002600

 000000

 23C169

 23C169

 10C15E

 36C174

■ 00C156

■ 4AC17E

■ 5DC189

■ 70C194

■ 84C19F

■ 97C1A9

■ AAC1B4

■ BDC1BF

■ D1C1CA

# Harmonies

## Analogous

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



8AB735



23C169



00C5A7

# Triad

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



23C169



00B0FF



FF776F

# Complementary

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



23C169



C1237B

# 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.



FF6EAB



23C169



A998FF

# Square

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



23C169



00BEFF



F37EE6



F78E3C

# Rectangle

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



23C169



00C6D1



F37EE6



FF7182

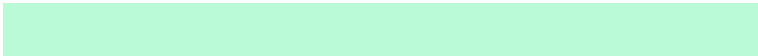


# Sweetspot

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



23C169



BBFAD7



7DC123



577D68



FCFCFC



7D7D7D



# Same Dimension

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



23C169



05FA71



23C1B6



57615C



00A147



00210F



# Inverse Universe

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



C1237B



FA058D



C1232E



61575D



A10059



210012



# Previews

## White Background



This preview shows how the Hex color 23C169 looks on a white background.

## Color Contrast Check

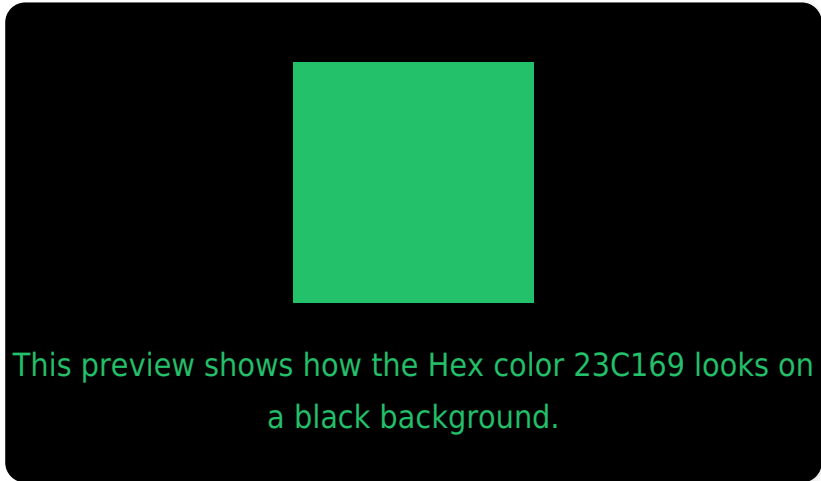
Large Text (above 18pt) WCAG AA × Fail

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

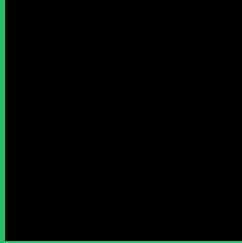
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 23C169 Background



This preview shows how black text looks on a background with the Hex color 23C169.

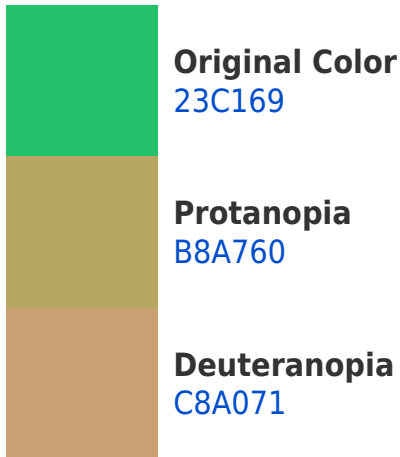


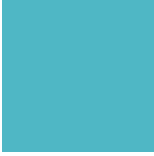
This preview shows how white text looks on a background with the Hex color 23C169.

# 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](#).

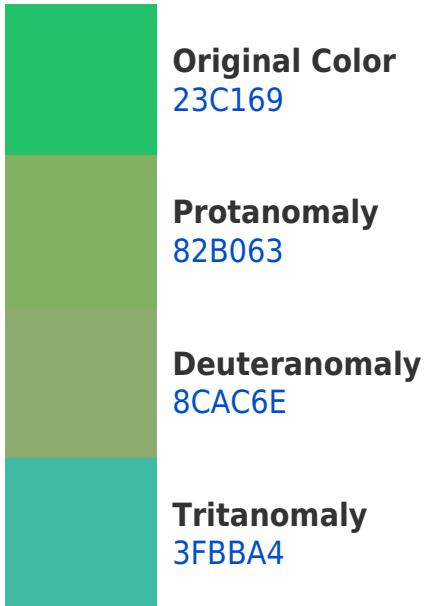
## Dichromacy



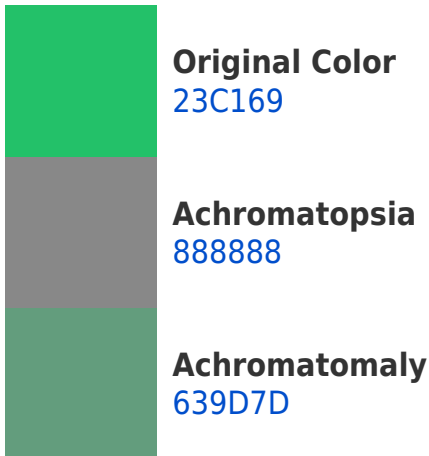


**Tritanopia**  
4FB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23C169 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 #23C169 looks like.

```
.text, #text, p{  
    color:#23C169  
}
```

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 #23C169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C169
}
```

## Border

The CSS property to change the border of an element to Hex 23C169 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
#23C169 }
```

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

```
.border{ border-color:#23C169 }
```

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

Here you see how a box with a 4 pixel #23C169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C169; -webkit-box-shadow:4px 4px  
4px 4px #23C169; box-shadow:4px 4px 4px  
4px #23C169 }
```

# Background

The CSS property to change the background color of an element to Hex 23C169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C169 }
```

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

```
.background{ background-color:#23C169 }
```

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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