

Converting Colors

Hex(23D96C)

Have a look what the booklet for
Hex(23D96C) contains.

Hex(23D96C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(23D96C)

Conversions

Conversions Part 1

Format	Color
Hex	23D96C
RGB	35, 217, 108
RGB Percent	14%, 85%, 42%
CMY	0.8627, 0.1490, 0.5765
CMYK	0.84, 0.00, 0.50, 0.15
HSL	144°, 72%, 49%
HSV	144°, 84%, 85%
XYZ	28.2128, 51.0657, 22.5571
YIQ	150.1560, -73.4830, -72.4830

Conversions

Conversions Part 2

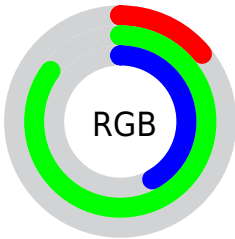
Format	Color
RYB	35, 165, 217
Decimal	2349420
CIELab	76.72, -66.12, 41.52
CIELCh	77, 78.072, 147.873
Yxy	51.0657, 0.2770, 0.5015
Android (android.graphics.Color)	4280539500 (0xFF23D96C)
YUV	150.1560, -20.7829, -100.9918
Hunter-Lab	71.4603, -54.5831, 31.3068

Details

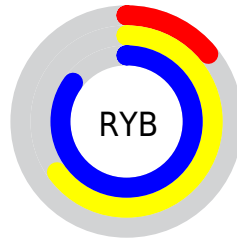
The Hex color **23D96C** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D92390**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **72FFA1**, and **00A139** is the 20% darker color. If you saturate the color by 10%, you get **0DD95F**, and if you desaturate by 10%, it is **39D979**.

Distribution



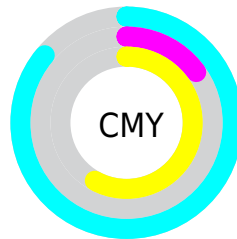
- Red (14%)
- Green (85%)
- Blue (42%)



- Red (14%)
- Yellow (65%)
- Blue (85%)



- Cyan (84%)
- Magenta (0%)
- Yellow (50%)
- Black (15%)



- Cyan (86%)
- Magenta (15%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23D96C 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 23D96C by changing the saturation by 10% instead.

 23D96C

 23D96C

FFFFFF

 00BC52

 72FFA1

 00A139

 92FFBD

 00851F

 B2FFD9

 006B00

 D1FFF6

 005100

 F0FFFF

 003900

 001F00

 000000

 23D96C

 23D96C

 0DD95F

 39D979

 00D957

 4ED986

 64D993

 7AD9A0

 90D9AD

 A5D9BA

 BBD9C7

 D1D9D4

 E6D9E1

Harmonies

Analogous

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



9ECD2B



23D96C



00DFB6

Triad

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



23D96C



00C7FF



FF7E7E

Complementary

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



23D96C



D92390

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.



FF75C6



23D96C



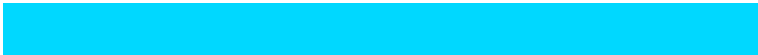
B2ACFF

Square

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



23D96C



00D8FF



FF8BFF



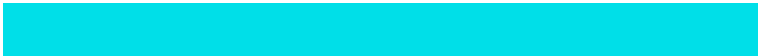
FF9B40

Rectangle

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



23D96C



00DFE8



FF8BFF



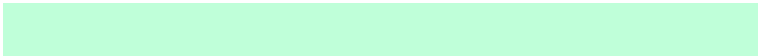
FF7895

Sweetspot

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



23D96C



BFFFD9



90D923



598069



000000



808080

Same Dimension

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



23D96C



00FF66



23D9C7



636E67



00AD46



002E12

Inverse Universe

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



D92390



FF0099



D92335



6E6369



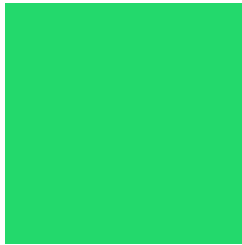
AD0068



2E001B

Previews

White Background



This preview shows how the Hex color 23D96C 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 23D96C 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 23D96C Background



This preview shows how black text looks on a background with the Hex color 23D96C.

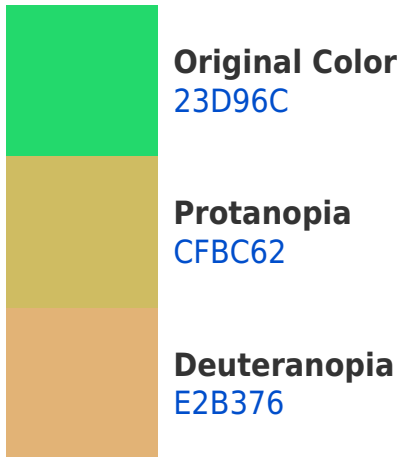


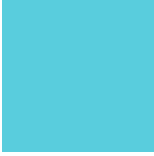
This preview shows how white text looks on a background with the Hex color 23D96C.

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
59CDDD

Trichromacy



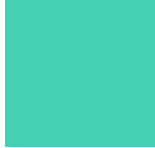
Original Color
23D96C



Protanomaly
90C766



Deuteranomaly
9DC172



Tritanomaly
45D1B4

Monochromacy



Original Color
23D96C



Achromatopsia
969696



Achromatomaly
6CAE87

CSS Examples

Text

The CSS property to change the color of the text to Hex 23D96C 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 #23D96C looks like.

```
.text, #text, p{  
    color:#23D96C  
}
```

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 #23D96C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23D96C
}
```

Border

The CSS property to change the border of an element to Hex 23D96C 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
#23D96C }
```

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

```
.border{ border-color:#23D96C }
```

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

Here you see how a box with a 4 pixel #23D96C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23D96C; -webkit-box-shadow:4px 4px  
4px 4px #23D96C; box-shadow:4px 4px 4px  
4px #23D96C }
```

Background

The CSS property to change the background color of an element to Hex 23D96C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23D96C }
```

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

```
.background{ background-color:#23D96C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor