

Converting Colors

Hex(23DC83)

Have a look what the booklet for
Hex(23DC83) contains.

Hex(23DC83)	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(23DC83)

Conversions

Conversions Part 1

Format	Color
Hex	23DC83
RGB	35, 220, 131
RGB Percent	14%, 86%, 51%
CMY	0.8627, 0.1373, 0.4863
CMYK	0.84, 0.00, 0.40, 0.14
HSL	151°, 73%, 50%
HSV	151°, 84%, 86%
XYZ	30.3831, 53.1824, 30.1366
YIQ	154.5390, -81.6910, -66.8990

Conversions

Conversions Part 2

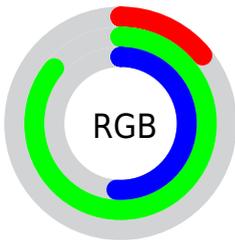
Format	Color
RYB	35, 157, 220
Decimal	2350211
CIELab	77.98, -63.22, 31.70
CIELCh	78, 70.724, 153.371
Yxy	53.1824, 0.2672, 0.4677
Android (android.graphics.Color)	4280540291 (0xFF23DC83)
YUV	154.5390, -11.6047, -104.8357
Hunter-Lab	72.9263, -53.2530, 26.5469

Details

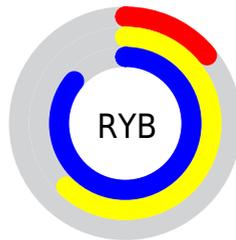
The Hex color **23DC83** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DC237C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **73FFB9**, and **00A350** is the 20% darker color. If you saturate the color by 10%, you get **0DDC78**, and if you desaturate by 10%, it is **39DC8E**.

Distribution



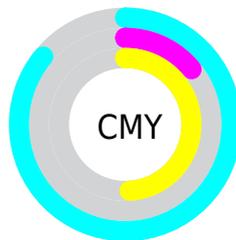
- Red (14%)
- Green (86%)
- Blue (51%)



- Red (14%)
- Yellow (62%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23DC83 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 23DC83 by changing the saturation by 10% instead.

 23DC83

 23DC83

FFFFFF

 00BF69

 73FFB9

 00A350

 93FFD5

 008838

 B2FFF1

 006E20

 D1FFFF

 005407

 F0FFFF

 003B00

 002300

 000000

 23DC83

 23DC83

0DDC78

39DC8E

00DC72

4FDC98

65DCA3

7BDCAD

91DCB8

A7DCC3

BDDCCD

D3DCD8

E9DCE2

Harmonies

Analogous

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



99D24A



23DC83



00E0C6

Triad

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



23DC83



23C6FF



FF8E7C

Complementary

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



23DC83



DC237C

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.



FF83BC



23DC83



CCACFF

Square

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



23DC83



00D7FF



FF91FD



FFA848

Rectangle

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



23DC83



00E0F3



FF91FD



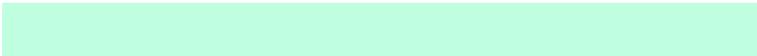
FF8891

Sweetspot

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



23DC83



BFFFE0



7CDC23



59806D



000000



808080

Same Dimension

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



23DC83



00FF84



23D9DC



636E68



00AD5A



002E18

Inverse Universe

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



DC237C



FF007B



DC2623



6E6368



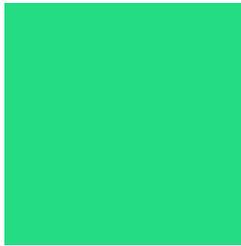
AD0053



2E0016

Previews

White Background



This preview shows how the Hex color 23DC83 looks on a white background.

Color Contrast Check

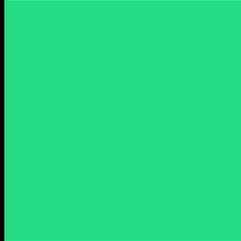
Large Text (above 18pt) WCAG AA × Fail

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 23DC83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

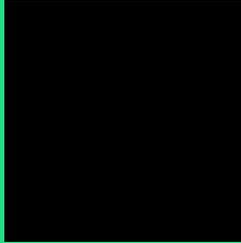
Any Text WCAG AA ✓ Pass

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 23DC83 Background



This preview shows how black text looks on a background with the Hex color 23DC83.



This preview shows how white text looks on a background with the Hex color 23DC83.

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
56D1E2

Trichromacy



Original Color
23DC83



Protanomaly
91CA7C



Deuteranomaly
9DC489



Tritanomaly
43D5BF

Monochromacy



Original Color
23DC83



Achromatopsia
9B9B9B



Achromatomaly
6FB392

CSS Examples

Text

The CSS property to change the color of the text to Hex 23DC83 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 #23DC83 looks like.

```
.text, #text, p{  
    color:#23DC83  
}
```

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 #23DC83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23DC83
}
```

Border

The CSS property to change the border of an element to Hex 23DC83 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
#23DC83 }
```

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

```
.border{ border-color:#23DC83 }
```

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

Here you see how a box with a 4 pixel #23DC83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23DC83; -webkit-box-shadow:4px 4px  
4px 4px #23DC83; box-shadow:4px 4px 4px  
4px #23DC83 }
```

Background

The CSS property to change the background color of an element to Hex 23DC83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23DC83 }
```

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

```
.background{ background-color:#23DC83 }
```

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