

Converting Colors

Hex(23DF87)

Have a look what the booklet for
Hex(23DF87) contains.

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Color

Hex(23DF87)

Conversions

Conversions Part 1

Format	Color
Hex	23DF87
RGB	35, 223, 135
RGB Percent	14%, 87%, 53%
CMY	0.8627, 0.1255, 0.4706
CMYK	0.84, 0.00, 0.39, 0.13
HSL	152°, 75%, 51%
HSV	152°, 84%, 87%
XYZ	31.4540, 54.8819, 31.8572
YIQ	156.7560, -83.8000, -67.2240

Conversions

Conversions Part 2

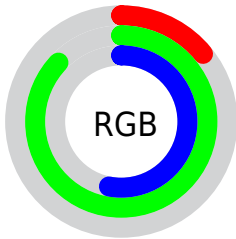
Format	Color
RYB	35, 158, 223
Decimal	2350983
CIELab	78.97, -63.52, 30.97
CIELCh	79, 70.671, 154.006
Yxy	54.8819, 0.2661, 0.4643
Android (android.graphics.Color)	4280541063 (0xFF23DF87)
YUV	156.7560, -10.7257, -106.7800
Hunter-Lab	74.0824, -53.8563, 26.3616

Details

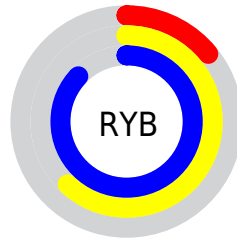
The Hex color **23DF87** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DF237B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **74FFBD**, and **00A654** is the 20% darker color. If you saturate the color by 10%, you get **0DDF7D**, and if you desaturate by 10%, it is **39DF91**.

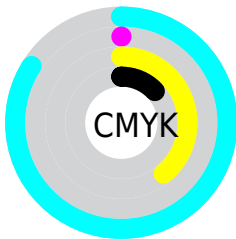
Distribution



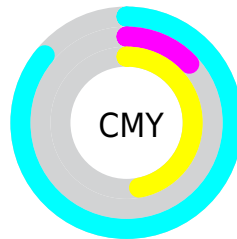
- Red (14%)
- Green (87%)
- Blue (53%)



- Red (14%)
- Yellow (62%)
- Blue (87%)



- Cyan (84%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (86%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23DF87 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 23DF87 by changing the saturation by 10% instead.

 23DF87

FFFFFF

 74FFBD

 94FFD9

 B3FFF6

 D2FFFF

 F1FFFF

 23DF87

 00C26D

 00A654

 008B3C

 007024

 00560C

 003D00

 002500

 000000

 23DF87

 23DF87

0DDF7D

39DF91

00DF77

50DF9C

66DFA6

7CDFB1

93DFBB

A9DFC6

BFD0D0

D5DFDB

ECD0E5

Harmonies

Analogous

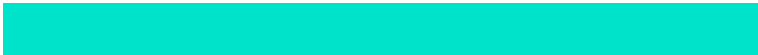
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9AD54E



23DF87



00E3CB

Triad

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



23DF87



36C8FF



FF927E

Complementary

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



23DF87



DF237B

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.



FF86BD



23DF87



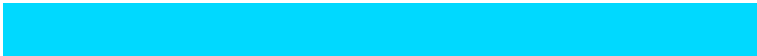
D1AEFF

Square

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



23DF87



00D9FF



FF93FE



FFAB4A

Rectangle

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



23DF87



00E3F7



FF93FE



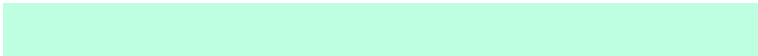
FF8B92

Sweetspot

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



23DF87



BFFFE1



7EDF23



59806E



000000



808080

Same Dimension

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



23DF87



00FF88



23DCDF



65706B



00B05E



00301A

Inverse Universe

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



DF237B



FF0077



DF2623



70656A



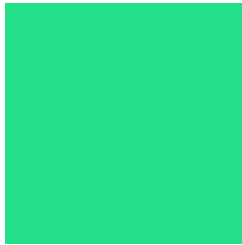
B00052



300017

Previews

White Background



This preview shows how the Hex color 23DF87 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 23DF87 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 23DF87 Background



This preview shows how black text looks on a background with the Hex color 23DF87.

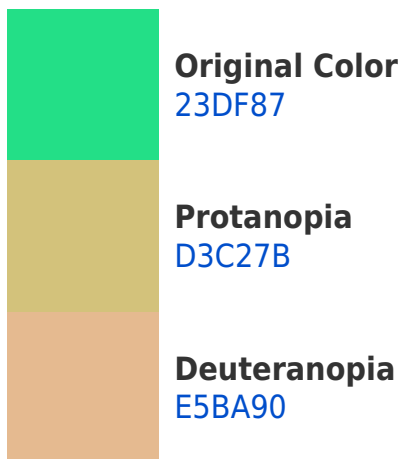


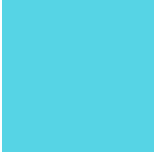
This preview shows how white text looks on a background with the Hex color 23DF87.

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
56D4E5

Trichromacy



Original Color
23DF87



Protanomaly
93CD7F



Deuteranomaly
9EC78D



Tritanomaly
43D8C3

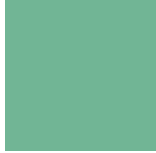
Monochromacy



Original Color
23DF87



Achromatopsia
9D9D9D



Achromatomaly
71B595

CSS Examples

Text

The CSS property to change the color of the text to Hex 23DF87 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 #23DF87 looks like.

```
.text, #text, p{  
    color:#23DF87  
}
```

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 #23DF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23DF87
}
```

Border

The CSS property to change the border of an element to Hex 23DF87 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
#23DF87 }
```

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

```
.border{ border-color:#23DF87 }
```

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

Here you see how a box with a 4 pixel #23DF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23DF87; -webkit-box-shadow:4px 4px  
4px 4px #23DF87; box-shadow:4px 4px 4px  
4px #23DF87 }
```

Background

The CSS property to change the background color of an element to Hex 23DF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23DF87 }
```

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

```
.background{ background-color:#23DF87 }
```

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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