

# Converting Colors

Hex(23D792)

Have a look what the booklet for  
Hex(23D792) contains.

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# **Color**

**Hex(23D792)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23D792
RGB	35, 215, 146
RGB Percent	14%, 84%, 57%
CMY	0.8627, 0.1569, 0.4275
CMYK	0.84, 0.00, 0.32, 0.16
HSL	157°, 72%, 49%
HSV	157°, 84%, 84%
XYZ	30.1819, 51.0335, 35.4538
YIQ	153.3140, -85.1310, -59.6190

# Conversions

## Conversions Part 2

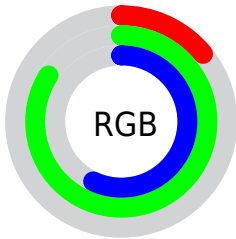
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 146, 215
Decimal	2348946
CIELab	76.70, -58.45, 22.23
CIELCh	77, 62.533, 159.173
Yxy	51.0335, 0.2587, 0.4374
Android (android.graphics.Color)	4280539026 (0xFF23D792)
YUV	153.3140, -3.6058, -103.7614
Hunter-Lab	71.4378, -49.6012, 20.5814

# Details

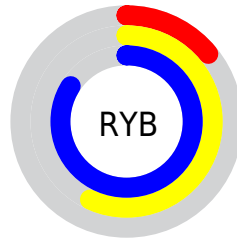
The Hex color **23D792** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D72368**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **72FFC8**, and **009F5F** is the 20% darker color. If you saturate the color by 10%, you get **0ED78A**, and if you desaturate by 10%, it is **39D79A**.

# Distribution



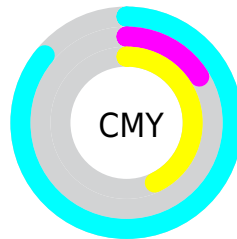
- Red (14%)
- Green (84%)
- Blue (57%)



- Red (14%)
- Yellow (57%)
- Blue (84%)



- Cyan (84%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)



- Cyan (86%)
- Magenta (16%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23D792 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 23D792 by changing the saturation by 10% instead.



 23D792

 23D792

FFFFFF

 00BB78

 72FFC8

 009F5F

 92FFE4

 008447

 B1FFFF

 006930

 D0FFFF

 00501A

 EEEFFF

 003802

 001F00

 000000

 23D792

 23D792

0ED78A

39D79A

00D785

4ED7A2

64D7AB

79D7B3

8FD7BB

A4D7C3

BAD7CC

CFD7D4

E5D7DC

# Harmonies

## Analogous

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



8ECF5F



23D792



00DACE

# Triad

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



23D792



73BEFF



FF9677

# Complementary

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



23D792



D72368

# 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.



FF8AAE



23D792



D8A7FF

# Square

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



23D792



00CEFF



FF91E8



FEAC4F

# Rectangle

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



23D792



00D9F4



FF91E8



FF9088

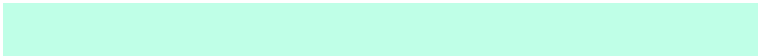


# Sweetspot

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



23D792



BFFFE7



68D723



598071



000000



808080



# Same Dimension

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



23D792



00FF9D



23C2D7



606B67



00AB69



002B1B



# Inverse Universe

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



D72368



FF0062



D73823



6B6064



AB0041

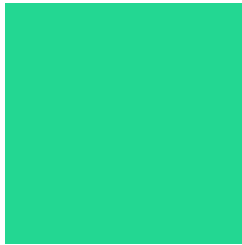


2B0011



# Previews

## White Background



This preview shows how the Hex color 23D792 looks on a white background.

## Color Contrast Check

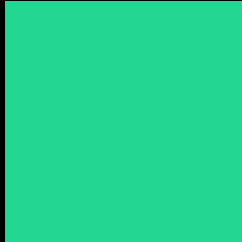
Large Text (above 18pt) WCAG AA × Fail

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 23D792 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

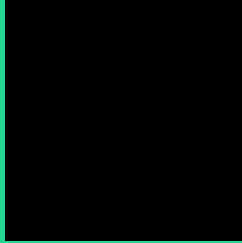
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 23D792 Background



This preview shows how black text looks on a background with the Hex color 23D792.

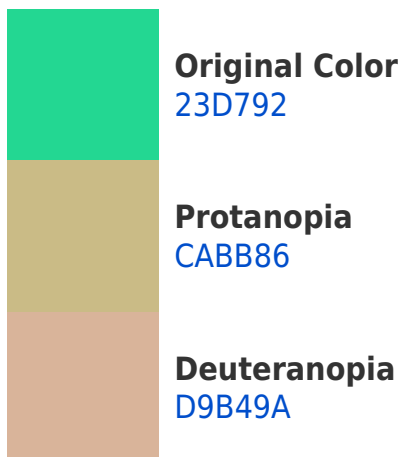


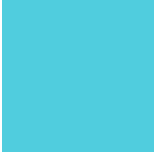
This preview shows how white text looks on a background with the Hex color 23D792.

# 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





# Trichromacy



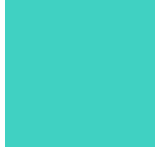
**Original Color**  
23D792



**Protanomaly**  
8DC58A



**Deuteranomaly**  
97C197



**Tritanomaly**  
40D1C2

# Monochromacy



**Original Color**  
23D792



**Achromatopsia**  
999999



**Achromatomaly**  
6EB096

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23D792 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 #23D792 looks like.

```
.text, #text, p{  
    color:#23D792  
}
```

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 #23D792 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23D792
}
```

## Border

The CSS property to change the border of an element to Hex 23D792 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
#23D792 }
```

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

```
.border{ border-color:#23D792 }
```

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

Here you see how a box with a 4 pixel #23D792 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23D792; -webkit-box-shadow:4px 4px  
4px 4px #23D792; box-shadow:4px 4px 4px  
4px #23D792 }
```

# Background

The CSS property to change the background color of an element to Hex 23D792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23D792 }
```

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

```
.background{ background-color:#23D792 }
```

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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