

# Converting Colors

Hex(22D97C)

Have a look what the booklet for  
Hex(22D97C) contains.

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**Color**

**Hex(22D97C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22D97C
RGB	34, 217, 124
RGB Percent	13%, 85%, 49%
CMY	0.8667, 0.1490, 0.5137
CMYK	0.84, 0.00, 0.43, 0.15
HSL	150°, 73%, 49%
HSV	150°, 84%, 85%
XYZ	29.1106, 51.4210, 27.4597
YIQ	151.6810, -79.2150, -67.7190

# Conversions

## Conversions Part 2

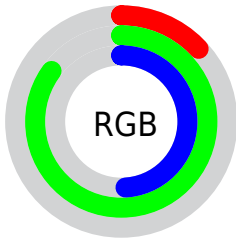
Format	Color
<a href="#">RYB</a>	<a href="#">34, 157, 217</a>
Decimal	<a href="#">2283900</a>
CIELab	<a href="#">76.93, -63.54, 33.87</a>
CIELCh	<a href="#">77, 72.004, 151.940</a>
Yxy	<a href="#">51.4210, 0.2696, 0.4762</a>
Android (android.graphics.Color)	<a href="#">4280473980 (0xFF22D97C)</a>
YUV	<a href="#">151.6810, -13.6467, -103.2062</a>
Hunter-Lab	<a href="#">71.7085, -53.0263, 27.4916</a>

# Details

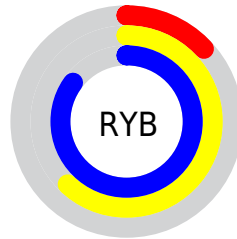
The Hex color **22D97C** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D9227F**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **72FFB2**, and **00A14A** is the 20% darker color. If you saturate the color by 10%, you get **0CD971**, and if you desaturate by 10%, it is **38D987**.

# Distribution



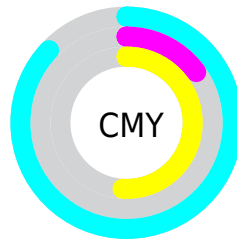
- Red (13%)
- Green (85%)
- Blue (49%)



- Red (13%)
- Yellow (62%)
- Blue (85%)



- Cyan (84%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)



- Cyan (87%)
- Magenta (15%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22D97C 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 22D97C by changing the saturation by 10% instead.



 22D97C

 22D97C

FFFFFF

 00BC62

 72FFB2

 00A14A

 92FFCD

 008531

 B1FFEA

 006B19

 D0FFFF

 005100

 EFFFFFFF

 003900

 002000

 000000

 22D97C

 22D97C

 0CD971

 38D987

 00D96B

 4DD992

 63D99D

 79D9A8

 8FD9B3

 A4D9BE

 BAD9C9

 D0D9D4

 E5D9DF

# Harmonies

## Analogous

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



99CE43



22D97C



00DEC0

# Triad

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



22D97C



00C4FF



FF897B

# Complementary

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



22D97C



D9227F

# 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.



FF7EBC



22D97C



C4AAFF

# Square

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



22D97C



00D5FF



FF8EFE



FFA345

# Rectangle

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



22D97C



00DEEE



FF8EFE



FF8390

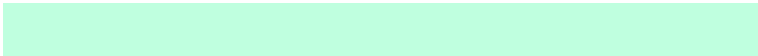


# Sweetspot

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



22D97C



BFFFDF



81D922



59806C



000000



808080



# Same Dimension

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



22D97C



00FF7D



22D9D6



636E68



00AD55



002E17



# Inverse Universe

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



D9227F



FF0082



D92225



6E6368



AD0058



2E0017



# Previews

## White Background



This preview shows how the Hex color 22D97C 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 22D97C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

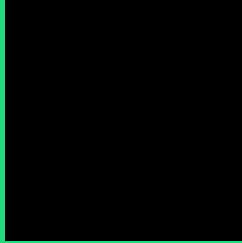
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 22D97C Background



This preview shows how black text looks on a background with the Hex color 22D97C.

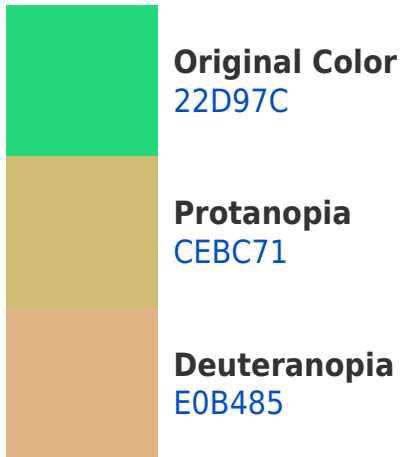


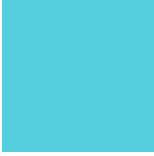
This preview shows how white text looks on a background with the Hex color 22D97C.

# Color Blindness Simulation

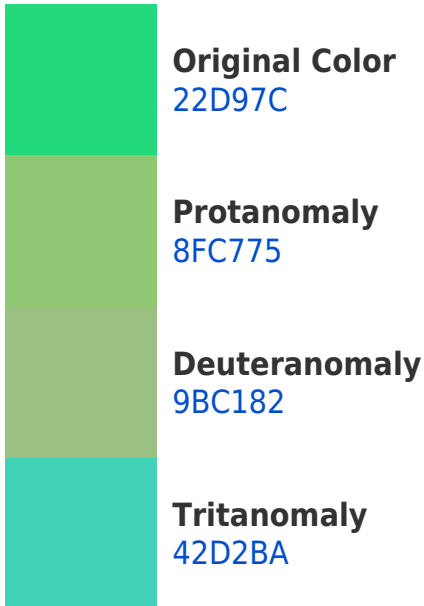
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22D97C 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 #22D97C looks like.

```
.text, #text, p{  
    color:#22D97C  
}
```

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 #22D97C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D97C
}
```

## Border

The CSS property to change the border of an element to Hex 22D97C 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
#22D97C }
```

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

```
.border{ border-color:#22D97C }
```

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

Here you see how a box with a 4 pixel #22D97C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D97C; -webkit-box-shadow:4px 4px  
4px 4px #22D97C; box-shadow:4px 4px 4px  
4px #22D97C }
```

# Background

The CSS property to change the background color of an element to Hex 22D97C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D97C }
```

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

```
.background{ background-color:#22D97C }
```

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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