

# Converting Colors

Hex(22D167)

Have a look what the booklet for  
Hex(22D167) contains.

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**Color**

**Hex(22D167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22D167
RGB	34, 209, 103
RGB Percent	13%, 82%, 40%
CMY	0.8667, 0.1804, 0.5961
CMYK	0.84, 0.00, 0.51, 0.18
HSL	144°, 72%, 48%
HSV	144°, 84%, 82%
XYZ	25.9083, 46.9203, 20.5230
YIQ	144.5910, -70.2740, -70.0660

# Conversions

## Conversions Part 2

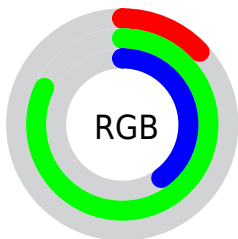
Format	Color
<a href="#">RYB</a>	<a href="#">34, 160, 209</a>
Decimal	<a href="#">2281831</a>
CIELab	<a href="#">74.14, -64.34, 40.74</a>
CIELCh	<a href="#">74, 76.150, 147.657</a>
Yxy	<a href="#">46.9203, 0.2775, 0.5026</a>
Android (android.graphics.Color)	<a href="#">4280471911 (0xFF22D167)</a>
YUV	<a href="#">144.5910, -20.5044, -96.9883</a>
Hunter-Lab	<a href="#">68.4984, -52.3576, 30.1848</a>

# Details

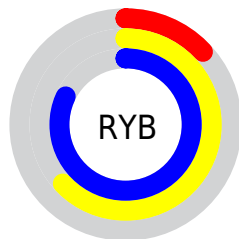
The Hex color **22D167** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D1228C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FF9C**, and **009934** is the 20% darker color. If you saturate the color by 10%, you get **0DD15A**, and if you desaturate by 10%, it is **37D174**.

# Distribution



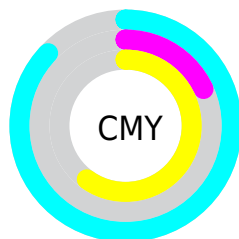
- Red (13%)
- Green (82%)
- Blue (40%)



- Red (13%)
- Yellow (63%)
- Blue (82%)



- Cyan (84%)
- Magenta (0%)
- Yellow (51%)
- Black (18%)



- Cyan (87%)
- Magenta (18%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22D167 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 22D167 by changing the saturation by 10% instead.



 22D167

 22D167

FFFFFF

 00B54E

 70FF9C

 009934

 90FFB7

 007E1A

 AFFFD3

 006400

 CDFFF0

 004A00

 ECFFFF

 003300

 001700

 000000

 22D167

 22D167

 0DD15A

 37D174

 00D152

 4CD180

 61D18D

 76D19A

 8BD1A6

 9FD1B3

 B4D1C0

 C9D1CC

 DED1D9

# Harmonies

## Analogous

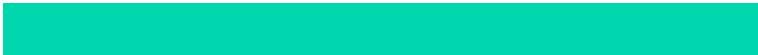
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99C528



22D167



00D6AE

# Triad

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



22D167



00C0FF



FF797A

# Complementary

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



22D167



D1228C

# 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.



FF71BF



22D167



AAA6FF

# Square

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



22D167



00D0FF



FF86FF



FF953D

# Rectangle

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



22D167



00D7DF



FF86FF



FF7390

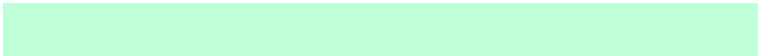


# Sweetspot

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



22D167



BFFFD8



8ED122



598068



000000



808080



# Same Dimension

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



22D167



00FF65



22D1BD



5E6962



00A842



002910



# Inverse Universe

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



D1228C



FF009A



D12236



695E64



A80066

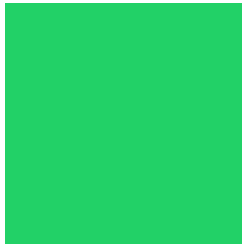


290019



# Previews

## White Background



This preview shows how the Hex color 22D167 looks on a white background.

## Color Contrast Check

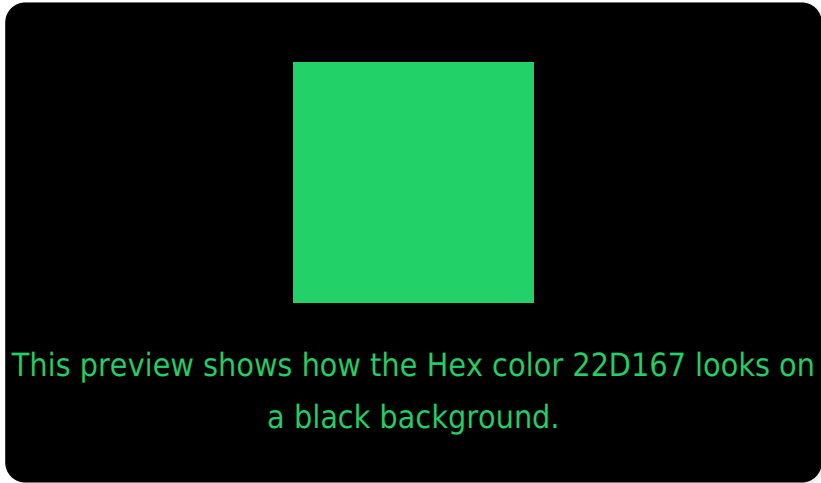
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 22D167 Background



This preview shows how black text looks on a background with the Hex color 22D167.

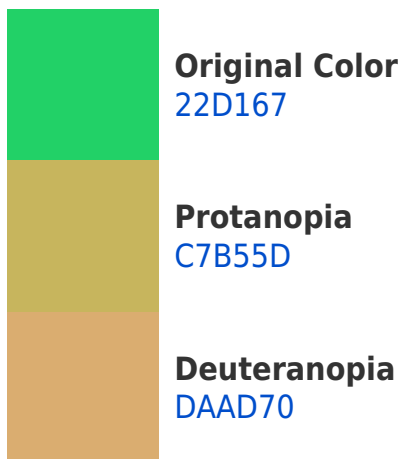


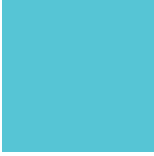
This preview shows how white text looks on a background with the Hex color 22D167.

# 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**  
56C5D5

# Trichromacy



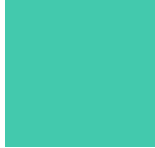
**Original Color**  
22D167



**Protanomaly**  
8BBF61



**Deuteranomaly**  
97BA6D



**Tritanomaly**  
43C9AD

# Monochromacy



**Original Color**  
22D167



**Achromatopsia**  
919191



**Achromatomaly**  
69A882

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22D167 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 #22D167 looks like.

```
.text, #text, p{  
    color:#22D167  
}
```

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 #22D167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D167
}
```

## Border

The CSS property to change the border of an element to Hex 22D167 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
#22D167 }
```

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

```
.border{ border-color:#22D167 }
```

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

Here you see how a box with a 4 pixel #22D167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D167; -webkit-box-shadow:4px 4px  
4px 4px #22D167; box-shadow:4px 4px 4px  
4px #22D167 }
```

# Background

The CSS property to change the background color of an element to Hex 22D167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D167 }
```

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

```
.background{ background-color:#22D167 }
```

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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