

Converting Colors

Hex(22DB6D)

Have a look what the booklet for
Hex(22DB6D) contains.

Hex(22DB6D)	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(22DB6D)

Conversions

Conversions Part 1

Format	Color
Hex	22DB6D
RGB	34, 219, 109
RGB Percent	13%, 86%, 43%
CMY	0.8667, 0.1412, 0.5725
CMYK	0.84, 0.00, 0.50, 0.14
HSL	144°, 73%, 50%
HSV	144°, 84%, 86%
XYZ	28.7515, 52.1072, 23.0103
YIQ	151.1450, -74.9500, -73.4300

Conversions

Conversions Part 2

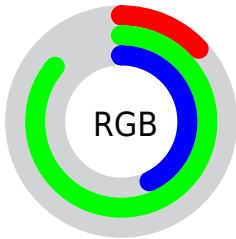
Format	Color
RYB	34, 166, 219
Decimal	2284397
CIELab	77.34, -66.71, 41.81
CIELCh	77, 78.726, 147.921
Yxy	52.1072, 0.2768, 0.5017
Android (android.graphics.Color)	4280474477 (0xFF22DB6D)
YUV	151.1450, -20.7775, -102.7362
Hunter-Lab	72.1853, -55.2276, 31.6300

Details

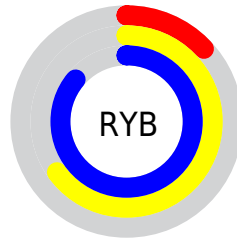
The Hex color **22DB6D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DB2290**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **72FFA2**, and **00A23A** is the 20% darker color. If you saturate the color by 10%, you get **0CDB60**, and if you desaturate by 10%, it is **38DB7A**.

Distribution



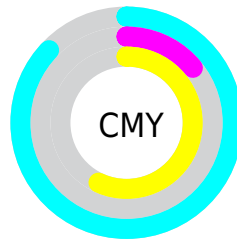
- Red (13%)
- Green (86%)
- Blue (43%)



- Red (13%)
- Yellow (65%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (50%)
- Black (14%)



- Cyan (87%)
- Magenta (14%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22DB6D 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 22DB6D by changing the saturation by 10% instead.

 22DB6D

 22DB6D

FFFFFF

 00BE53

 72FFA2

 00A23A

 93FFBE

 008720

 B2FFDA

 006C01

 D1FFF7

 005200

 F0FFFF

 003A00

 002100

 000000

 22DB6D

 22DB6D

 0CDB60

 38DB7A

 00DB59

 4EDB87

 64DB94

 7ADBA1

 90DBAE

 A5DBBB

 BBDBC8

 D1DBD5

 E7DBE2

Harmonies

Analogous

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



A0CF2B



22DB6D



00E1B7

Triad

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



22DB6D



00C9FF



FF7F7F

Complementary

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



22DB6D



DB2290

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.



FF76C7



22DB6D



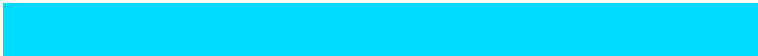
B4AEFF

Square

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



22DB6D



00DAFF



FF8CFF



FF9D40

Rectangle

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



22DB6D



00E1EA



FF8CFF



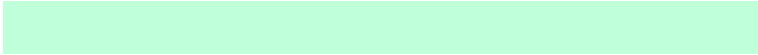
FF7997

Sweetspot

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



22DB6D



BFFFD9



91DB22



598069



000000



808080

Same Dimension

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



22DB6D



00FF67



22DBC8



636E67



00AD46



002E13

Inverse Universe

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



DB2290



FF0098



DB2235



6E6369



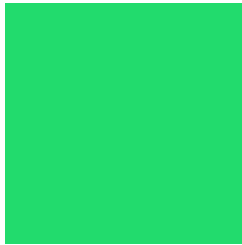
AD0067



2E001B

Previews

White Background



This preview shows how the Hex color 22DB6D 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 22DB6D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

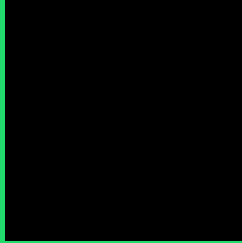
Any Text WCAG AA ✓ Pass

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 22DB6D Background



This preview shows how black text looks on a background with the Hex color 22DB6D.

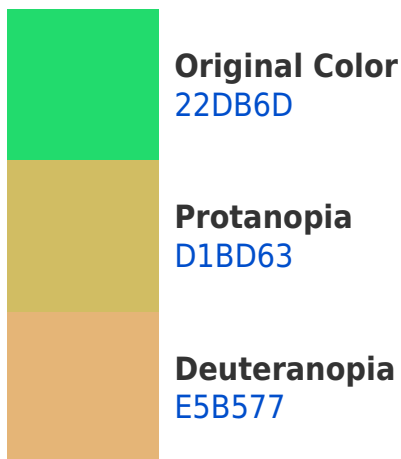


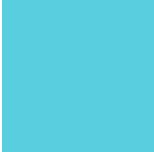
This preview shows how white text looks on a background with the Hex color 22DB6D.

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](#).

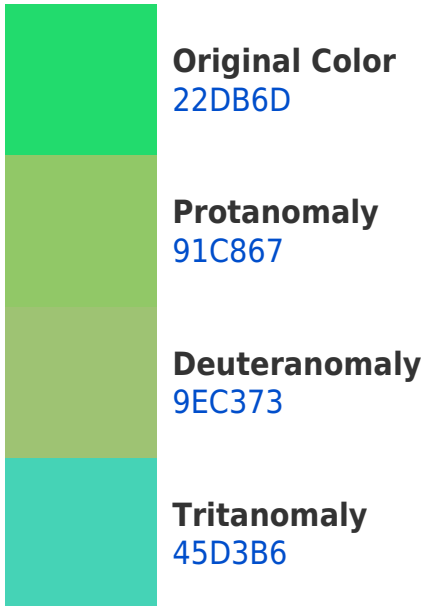
Dichromacy



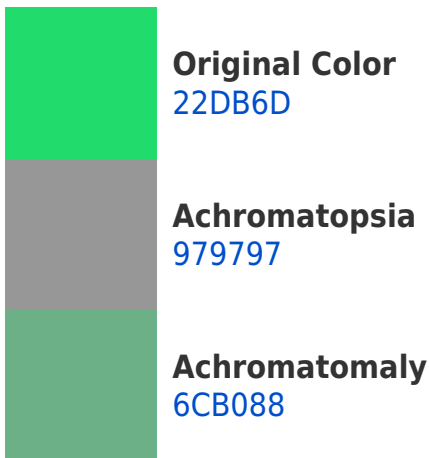


Tritanopia
59CEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22DB6D 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 #22DB6D looks like.

```
.text, #text, p{  
    color:#22DB6D  
}
```

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 #22DB6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22DB6D
}
```

Border

The CSS property to change the border of an element to Hex 22DB6D 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
#22DB6D }
```

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

```
.border{ border-color:#22DB6D }
```

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

Here you see how a box with a 4 pixel #22DB6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22DB6D; -webkit-box-shadow:4px 4px  
4px 4px #22DB6D; box-shadow:4px 4px 4px  
4px #22DB6D }
```

Background

The CSS property to change the background color of an element to Hex 22DB6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22DB6D }
```

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

```
.background{ background-color:#22DB6D }
```

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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