

Converting Colors

Hex(22D122)

Have a look what the booklet for
Hex(22D122) contains.

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Color

Hex(22D122)

Conversions

Conversions Part 1

Format	Color
Hex	22D122
RGB	34, 209, 34
RGB Percent	13%, 82%, 13%
CMY	0.8667, 0.1804, 0.8667
CMYK	0.84, 0.00, 0.84, 0.18
HSL	120°, 72%, 48%
HSV	120°, 84%, 82%
XYZ	23.7489, 46.0565, 9.1515
YIQ	136.7250, -48.1250, -91.5250

Conversions

Conversions Part 2

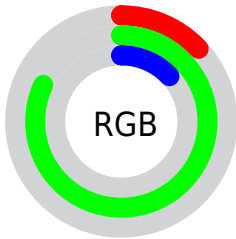
Format	Color
RYB	34, 209, 209
Decimal	2281762
CIELab	73.58, -71.21, 66.84
CIELCh	74, 97.666, 136.810
Yxy	46.0565, 0.3008, 0.5833
Android (android.graphics.Color)	4280471842 (0xFF22D122)
YUV	136.7250, -50.6434, -90.0898
Hunter-Lab	67.8649, -56.2988, 39.5103

Details

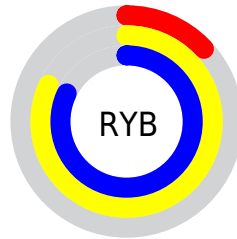
The Hex color **22D122** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D122D1**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **73FF60**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **0DD10D**, and if you desaturate by 10%, it is **37D137**.

Distribution



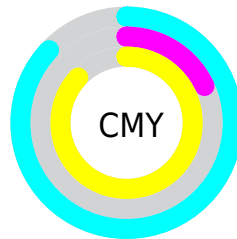
- Red (13%)
- Green (82%)
- Blue (13%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 22D122 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 22D122 by changing the saturation by 10% instead.

 22D122

 22D122

FFFFFF

 00B500

 73FF60

 009900

 93FF7C

 007E00

 B3FF99

 006300

 D2FFB5

 004900

 F1FFD2

 003100

 FFFFF0

 001500

 000000

 22D122

 22D122

 0DD10D

 37D137

 00D100

 4CD14C

 61D161

 76D176

 8BD18B

 9FD19F

 B4D1B4

 C9D1C9

 DED1DE

Harmonies

Analogous

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



ABC000



22D122



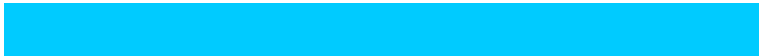
00D989

Triad

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



22D122



00CBFF



FF4787

Complementary

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



22D122



D122D1

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.



FF4DE0



22D122



1BAEFF

Square

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



22D122



00D8FF



F581FF



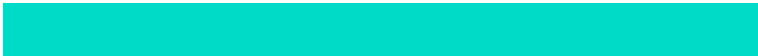
FF762F

Rectangle

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



22D122



00DBC8



F581FF



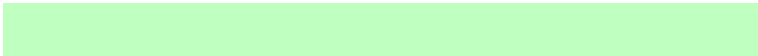
FF3FA4

Sweetspot

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



22D122



BFFFBF



D1D122



598059



000000



808080

Same Dimension

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



22D122



00FF00



22D17A



5E695E



00A800



002900

Inverse Universe

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



D122D1



FF00FF



D1227A



695E69



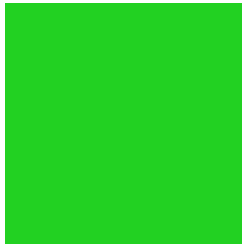
A800A8



290029

Previews

White Background



This preview shows how the Hex color 22D122 looks on a white background.

Color Contrast Check

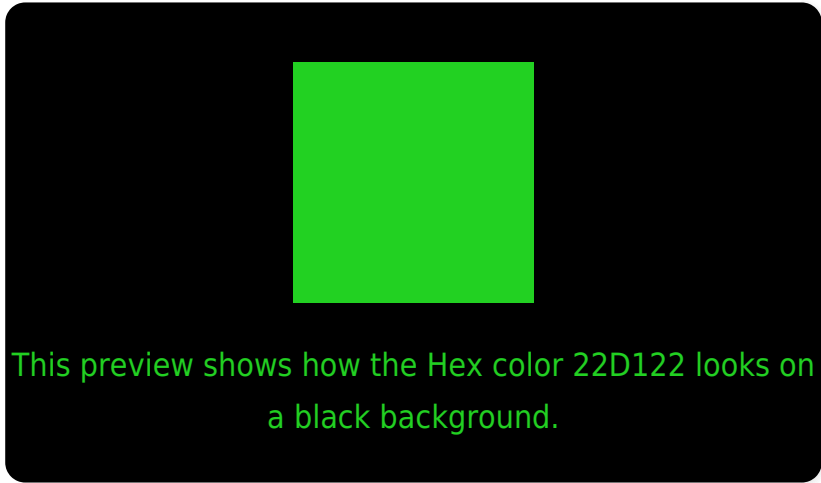
Large Text (above 18pt) WCAG AA × Fail

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 22D122 Background



This preview shows how black text looks on a background with the Hex color 22D122.

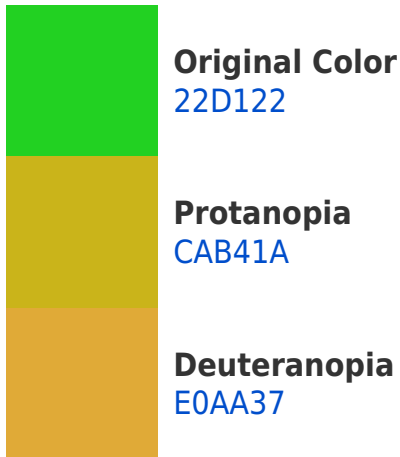


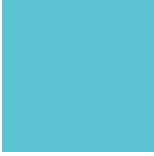
This preview shows how white text looks on a background with the Hex color 22D122.

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
5CC3D2

Trichromacy



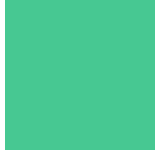
Original Color
22D122



Protanomaly
8DBF1D



Deuteranomaly
9BB82F



Tritanomaly
47C892

Monochromacy



Original Color
22D122



Achromatopsia
898989



Achromatomaly
64A364

CSS Examples

Text

The CSS property to change the color of the text to Hex 22D122 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 #22D122 looks like.

```
.text, #text, p{  
    color:#22D122  
}
```

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 #22D122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D122
}
```

Border

The CSS property to change the border of an element to Hex 22D122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

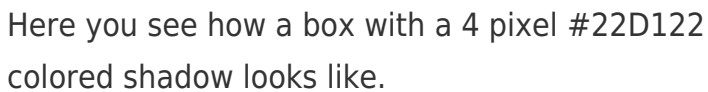
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22D122 }
```

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

```
.border{ border-color:#22D122 }
```

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



Here you see how a box with a 4 pixel #22D122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D122; -webkit-box-shadow:4px 4px  
4px 4px #22D122; box-shadow:4px 4px 4px  
4px #22D122 }
```

Background

The CSS property to change the background color of an element to Hex 22D122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D122 }
```

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

```
.background{ background-color:#22D122 }
```

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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