

Converting Colors

Hex(22D944)

Have a look what the booklet for
Hex(22D944) contains.

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Color

Hex(22D944)

Conversions

Conversions Part 1

Format	Color
Hex	22D944
RGB	34, 217, 68
RGB Percent	13%, 85%, 27%
CMY	0.8667, 0.1490, 0.7333
CMYK	0.84, 0.00, 0.69, 0.15
HSL	131°, 73%, 49%
HSV	131°, 84%, 85%
XYZ	26.5159, 50.3831, 13.7962
YIQ	145.2970, -61.2390, -85.1350

Conversions

Conversions Part 2

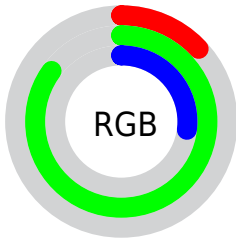
Format	Color
RYB	34, 188, 217
Decimal	2283844
CIELab	76.30, -71.15, 58.69
CIELCh	76, 92.236, 140.482
Yxy	50.3831, 0.2924, 0.5555
Android (android.graphics.Color)	4280473924 (0xFF22D944)
YUV	145.2970, -38.1074, -97.6075
Hunter-Lab	70.9811, -57.5358, 38.1629

Details

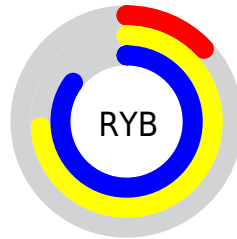
The Hex color **22D944** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D922B7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **74FF7B**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **0CD932**, and if you desaturate by 10%, it is **38D956**.

Distribution



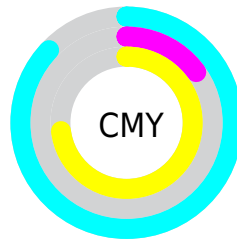
- Red (13%)
- Green (85%)
- Blue (27%)



- Red (13%)
- Yellow (74%)
- Blue (85%)



- Cyan (84%)
- Magenta (0%)
- Yellow (69%)
- Black (15%)



- Cyan (87%)
- Magenta (15%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22D944 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 22D944 by changing the saturation by 10% instead.

 22D944

 22D944

FFFFFF

 00BC26

 74FF7B

 00A000

 94FF97

 008500

 B3FFB3

 006A00

 D3FFCF

 005000

 F2FFEC

 003900

 001E00

 000000

 22D944

 22D944

 0CD932

 38D956

 00D928

 4DD967

 63D979

 79D98B

 8FD99C

 A4D9AE

 BAD9C0

 D0D9D1

 E5D9E3

Harmonies

Analogous

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



AAC900



22D944



00E09D

Triad

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



22D944



00CFFF



FF6186

Complementary

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



22D944



D922B7

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.



FF5FDB



22D944



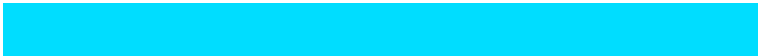
76B1FF

Square

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



22D944



00DDFF



FF87FF



FF8835

Rectangle

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



22D944



00E2D9



FF87FF



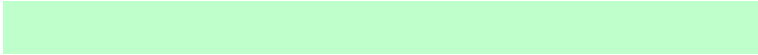
FF5AA2

Sweetspot

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



22D944



BFFFCB



B7D922



598060



000000



808080

Same Dimension

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



22D944



00FF2F



22D99F



636E65



00AD20



002E09

Inverse Universe

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



D922B7



FF00D0



D9225C



6E636C



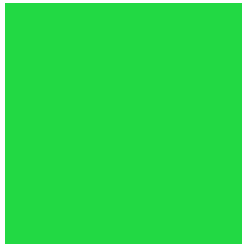
AD008D



2E0025

Previews

White Background



This preview shows how the Hex color 22D944 looks on a white background.

Color Contrast Check

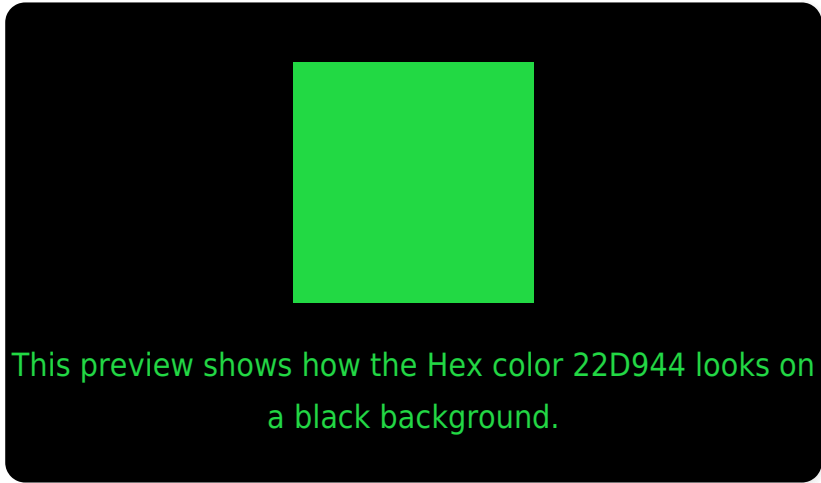
Large Text (above 18pt) WCAG AA × Fail

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 22D944 Background



This preview shows how black text looks on a background with the Hex color 22D944.

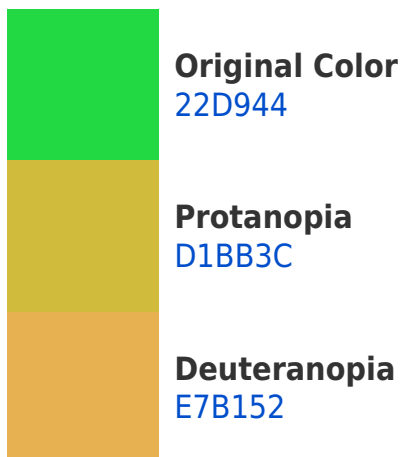


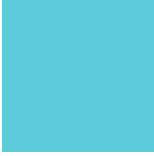
This preview shows how white text looks on a background with the Hex color 22D944.

Color Blindness Simulation

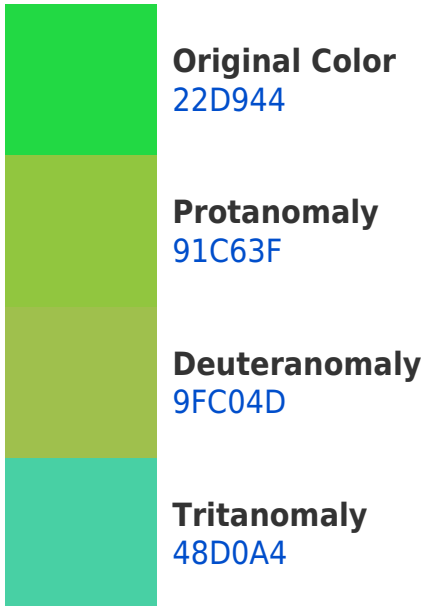
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

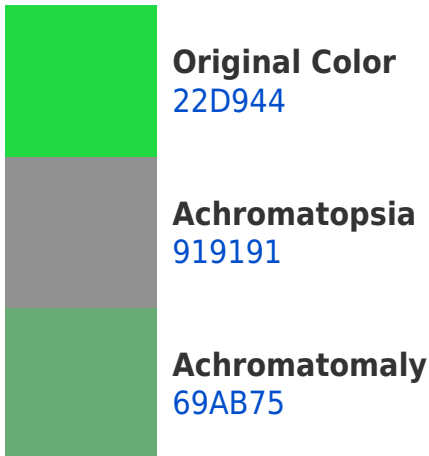




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22D944 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 #22D944 looks like.

```
.text, #text, p{  
    color:#22D944  
}
```

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 #22D944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D944
}
```

Border

The CSS property to change the border of an element to Hex 22D944 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
#22D944 }
```

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

```
.border{ border-color:#22D944 }
```

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

Here you see how a box with a 4 pixel #22D944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D944; -webkit-box-shadow:4px 4px  
4px 4px #22D944; box-shadow:4px 4px 4px  
4px #22D944 }
```

Background

The CSS property to change the background color of an element to Hex 22D944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D944 }
```

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

```
.background{ background-color:#22D944 }
```

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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