

# Converting Colors

Hex(22A743)

Have a look what the booklet for  
Hex(22A743) contains.

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**Color**

**Hex(22A743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22A743
RGB	34, 167, 67
RGB Percent	13%, 65%, 26%
CMY	0.8667, 0.3451, 0.7373
CMYK	0.80, 0.00, 0.60, 0.35
HSL	135°, 66%, 39%
HSV	135°, 80%, 65%
XYZ	15.4915, 28.3828, 9.9721
YIQ	115.8330, -47.1680, -59.2960

# Conversions

## Conversions Part 2

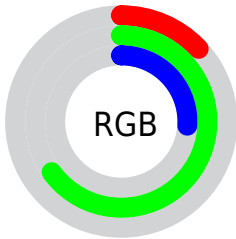
Format	Color
<a href="#">RYB</a>	<a href="#">34, 141, 167</a>
Decimal	<a href="#">2271043</a>
CIELab	<a href="#">60.23, -55.47, 41.28</a>
CIElCh	<a href="#">60, 69.147, 143.340</a>
Yxy	<a href="#">28.3828, 0.2877, 0.5271</a>
Android (android.graphics.Color)	<a href="#">4280461123</a> ( <a href="#">0xFF22A743</a> )
YUV	<a href="#">115.8330, -24.0747, -71.7675</a>
Hunter-Lab	<a href="#">53.2755, -41.3276, 26.1949</a>

# Details

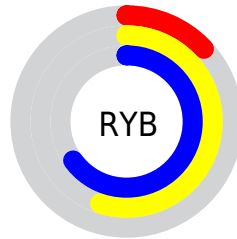
The Hex color **22A743** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A72286**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **66DF76**, and **00710E** is the 20% darker color. If you saturate the color by 10%, you get **11A736**, and if you desaturate by 10%, it is **33A750**.

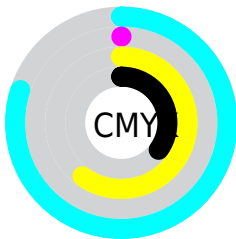
# Distribution



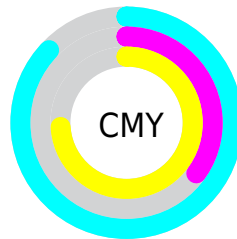
- Red (13%)
- Green (65%)
- Blue (26%)



- Red (13%)
- Yellow (55%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (60%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22A743 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 22A743 by changing the saturation by 10% instead.



 22A743

 22A743

FFFFFF

 008C2A

 66DF76

 00710E

 84FC91

 005800

 A2FFAC

 003F00

 BFFFC8

 002900

 DDFFE4

 000200

 FBFFFF

 000000

 22A743

 22A743

 11A736

 33A750

■ 01A72A

■ 43A75C

■ 00A729

■ 54A769

■ 65A775

■ 75A782

■ 86A78E

■ 97A79B

■ A8A7A7

■ B8A7B4

# Harmonies

## Analogous

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



809C00



22A743



00AC81

# Triad

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



22A743



009DFF



FC5765

# Complementary

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



22A743



A72286

# 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.



F653A1



22A743



7387FF

# Square

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



22A743



00A9F2



CD6ADB



E5702D

# Rectangle

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



22A743



00ADAC



CD6ADB



FE5279



# Sweetspot

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



22A743



A5D9B2



88A722



4E6E56



EDEDED



6E6E6E



# Same Dimension

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



22A743



09D93C



22A784



4C544E



009425



001405



# Inverse Universe

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



A72286



D909A5



A72245



544C52



94006F



14000F



# Previews

## White Background



This preview shows how the Hex color 22A743 looks on a white background.

## Color Contrast Check

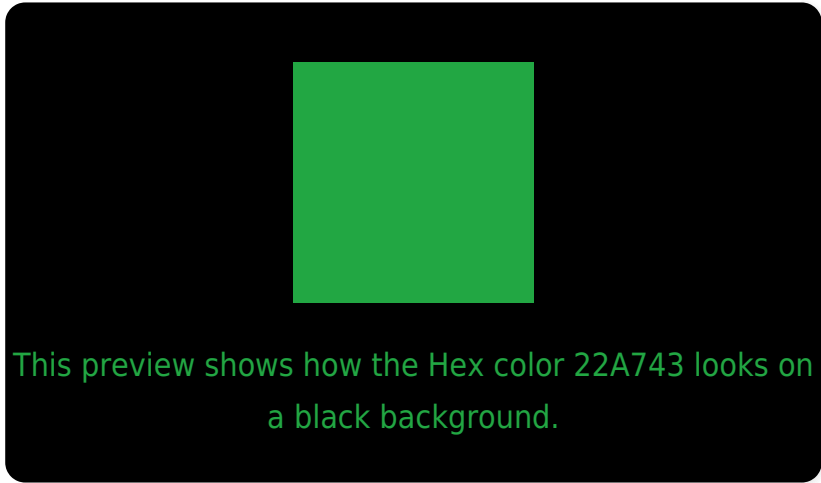
Large Text (above 18pt) WCAG AA ✓ Pass

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

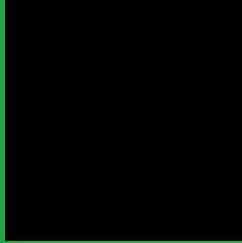
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 22A743 Background



This preview shows how black text looks on a background with the Hex color 22A743.

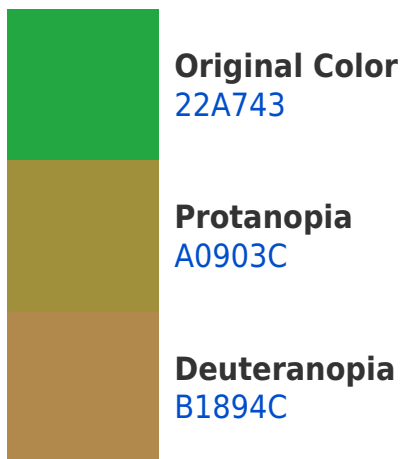


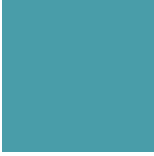
This preview shows how white text looks on a background with the Hex color 22A743.

# 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**  
499DA9

# Trichromacy



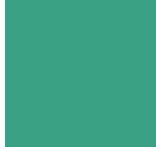
**Original Color**  
22A743



**Protanomaly**  
72983F



**Deuteranomaly**  
7D9449



**Tritanomaly**  
3BA184

# Monochromacy



**Original Color**  
22A743



**Achromatopsia**  
747474



**Achromatomaly**  
568762

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22A743 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 #22A743 looks like.

```
.text, #text, p{  
    color:#22A743  
}
```

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 #22A743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A743
}
```

## Border

The CSS property to change the border of an element to Hex 22A743 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
#22A743 }
```

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

```
.border{ border-color:#22A743 }
```

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

Here you see how a box with a 4 pixel #22A743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A743; -webkit-box-shadow:4px 4px  
4px 4px #22A743; box-shadow:4px 4px 4px  
4px #22A743 }
```

# Background

The CSS property to change the background color of an element to Hex 22A743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A743 }
```

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

```
.background{ background-color:#22A743 }
```

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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