

# Converting Colors

Hex(21A443)

Have a look what the booklet for  
Hex(21A443) contains.

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**Color**

**Hex(21A443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21A443
RGB	33, 164, 67
RGB Percent	13%, 64%, 26%
CMY	0.8706, 0.3569, 0.7373
CMYK	0.80, 0.00, 0.59, 0.36
HSL	136°, 66%, 39%
HSV	136°, 80%, 64%
XYZ	14.9158, 27.2795, 9.7895
YIQ	113.7730, -46.9390, -57.9390

# Conversions

## Conversions Part 2

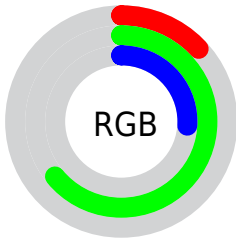
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 137, 164
Decimal	2204739
CIELab	59.23, -54.58, 40.11
CIELCh	59, 67.736, 143.687
Yxy	27.2795, 0.2869, 0.5248
Android (android.graphics.Color)	4280394819 (0xFF21A443)
YUV	113.7730, -23.0591, -70.8379
Hunter-Lab	52.2298, -40.4261, 25.4480

# Details

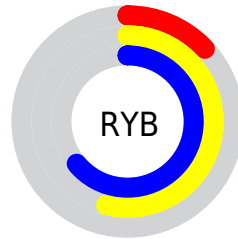
The Hex color **21A443** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A42182**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **65DC76**, and **006F0F** is the 20% darker color. If you saturate the color by 10%, you get **11A437**, and if you desaturate by 10%, it is **31A44F**.

# Distribution



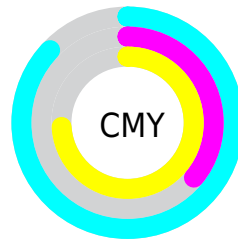
- Red (13%)
- Green (64%)
- Blue (26%)



- Red (13%)
- Yellow (54%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21A443 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 21A443 by changing the saturation by 10% instead.



 21A443

 21A443

FFFFFF

 00892A

 65DC76

 006F0F

 83F990

 005500

 A0FFAC

 003C00

 BDFFC7


 002600


 DBFFE4

 000000

 F9FFFF

 21A443

 21A443

 11A437

 31A44F

 00A42B

 42A45B

 52A467

 63A474

 73A480

 83A48C

 94A498

 A4A4A4

 B5A4B0

# Harmonies

## Analogous

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



7D9900



21A443



00A980

# Triad

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



21A443



0099FF



F75663

# Complementary

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



21A443



A42182

# 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.



F2529E



21A443



7384FC

# Square

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



21A443



00A5EE



CA68D6



E06F2D

# Rectangle

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



21A443



00AAA9



CA68D6



F95176



# Sweetspot

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



21A443



A3D6B0



83A421



4C6B54



EBEBEB



6B6B6B



# Same Dimension

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



21A443



09D63E



21A483



49524C



009126



001205



# Inverse Universe

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



A42182



D609A1



A42142



52494F



91006C



12000D



# Previews

## White Background



This preview shows how the Hex color 21A443 looks on a white background.

## Color Contrast Check

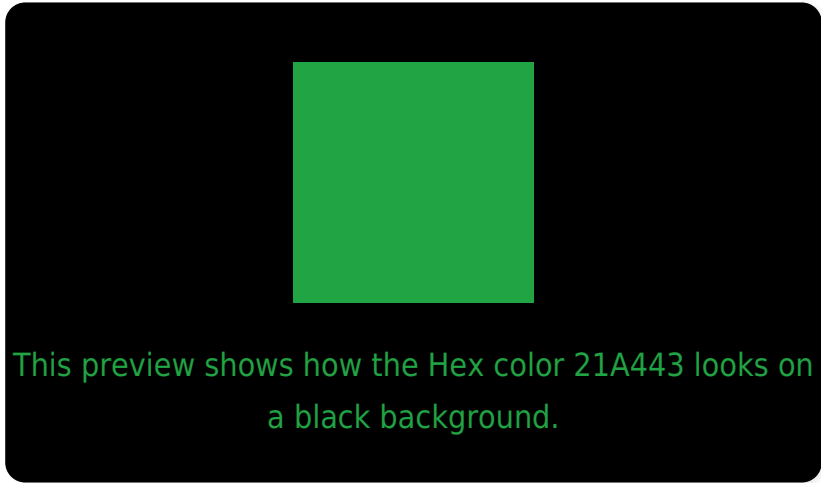
Large Text (above 18pt) WCAG AA ✓ Pass

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

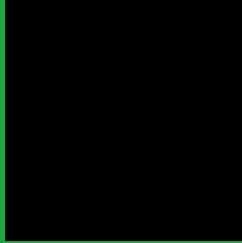
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 21A443 Background



This preview shows how black text looks on a background with the Hex color 21A443.



This preview shows how white text looks on a background with the Hex color 21A443.

# 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](#).

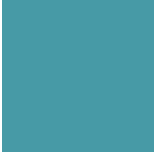
## Dichromacy



**Original Color**  
21A443

**Protanopia**  
9D8E3C

**Deuteranopia**  
AD874B



**Tritanopia**  
479AA6

# Trichromacy



**Original Color**  
21A443



**Protanomaly**  
70963F



**Deuteranomaly**  
7A9248



**Tritanomaly**  
399E82

# Monochromacy



**Original Color**  
21A443



**Achromatopsia**  
727272



**Achromatomaly**  
558461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21A443 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 #21A443 looks like.

```
.text, #text, p{  
    color:#21A443  
}
```

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 #21A443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A443
}
```

## Border

The CSS property to change the border of an element to Hex 21A443 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
#21A443 }
```

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

```
.border{ border-color:#21A443 }
```

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

Here you see how a box with a 4 pixel #21A443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A443; -webkit-box-shadow:4px 4px  
4px 4px #21A443; box-shadow:4px 4px 4px  
4px #21A443 }
```

# Background

The CSS property to change the background color of an element to Hex 21A443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A443 }
```

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

```
.background{ background-color:#21A443 }
```

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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