

Converting Colors

Hex(21A129)

Have a look what the booklet for
Hex(21A129) contains.

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Color

Hex(21A129)

Conversions

Conversions Part 1

Format	Color
Hex	21A129
RGB	33, 161, 41
RGB Percent	13%, 63%, 16%
CMY	0.8706, 0.3686, 0.8392
CMYK	0.80, 0.00, 0.75, 0.37
HSL	124°, 66%, 38%
HSV	124°, 80%, 63%
XYZ	13.7723, 25.9732, 6.3853
YIQ	109.0480, -37.7680, -64.4560

Conversions

Conversions Part 2

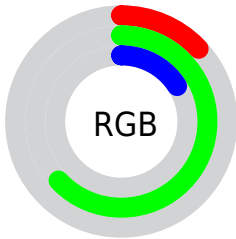
Format	Color
RYB	33, 153, 161
Decimal	2203945
CIELab	58.01, -56.40, 49.90
CIELCh	58, 75.305, 138.495
Yxy	25.9732, 0.2985, 0.5630
Android (android.graphics.Color)	4280394025 (0xFF21A129)
YUV	109.0480, -33.5477, -66.6941
Hunter-Lab	50.9639, -40.9495, 28.2463

Details

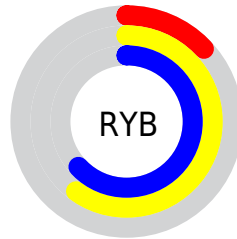
The Hex color **21A129** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A12199**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **66D95E**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **11A11A**, and if you desaturate by 10%, it is **31A138**.

Distribution



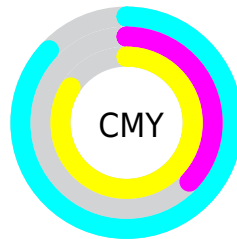
- Red (13%)
- Green (63%)
- Blue (16%)



- Red (13%)
- Yellow (60%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (75%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A129 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 21A129 by changing the saturation by 10% instead.



21A129



21A129

FFFFFF



008607



66D95E



006C00



83F679



005200



A1FF94



003A00



BEFFAF



002300



DCFFCC



000000



FAFFE8



21A129



21A129



11A11A



31A138

■ 01A10B

■ 41A147

■ 00A10A

■ 51A156

■ 61A165

■ 72A174

■ 82A184

■ 92A193

■ A2A1A2

■ B2A1B1

Harmonies

Analogous

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



829500



21A129



00A76F

Triad

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



21A129



009BFF



FE4266

Complementary

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



21A129



A12199

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.



F344A8



21A129



4585FF

Square

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



21A129



00A6EE



C065E4



E96127

Rectangle

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



21A129



00A99D



C065E4



FE3D7C

Sweetspot

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



21A129



9FD1A2



9BA121



4A694C



E8E8E8



696969

Same Dimension

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



21A129



0AD117



21A167



49524A



009109



001201

Inverse Universe

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



A12199



D10AC5



A1215B



524951



910088



120011

Previews

White Background



This preview shows how the Hex color 21A129 looks on a white background.

Color Contrast Check

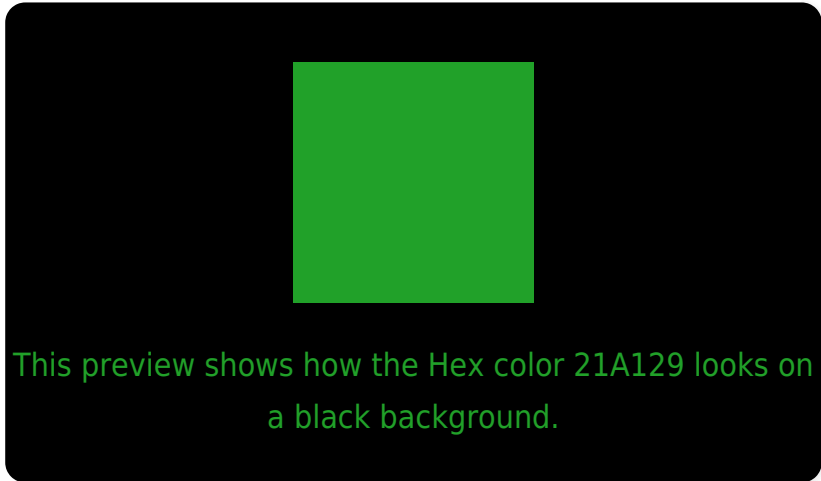
Large Text (above 18pt) WCAG AA ✓ Pass

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 21A129 Background



This preview shows how black text looks on a background with the Hex color 21A129.

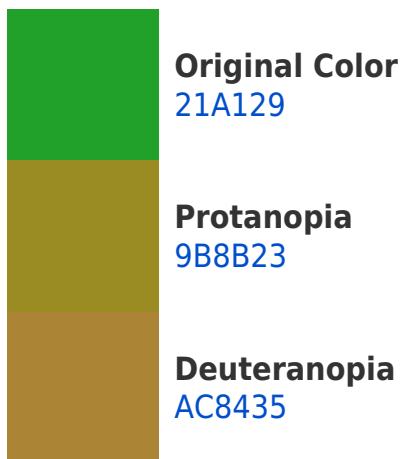


This preview shows how white text looks on a background with the Hex color 21A129.

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
4896A2

Trichromacy



Original Color
21A129



Protanomaly
6F9325



Deuteranomaly
798F31



Tritanomaly
3A9A76

Monochromacy



Original Color
21A129



Achromatopsia
6D6D6D



Achromatomaly
518054

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A129 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 #21A129 looks like.

```
.text, #text, p{  
    color:#21A129  
}
```

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 #21A129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A129
}
```

Border

The CSS property to change the border of an element to Hex 21A129 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".

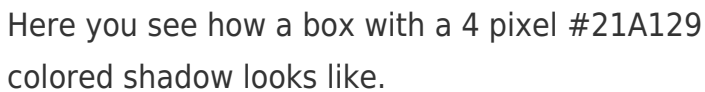
```
.border, #border, table{ border:4px solid
#21A129 }
```

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

```
.border{ border-color:#21A129 }
```

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

Here you see how a box with a 4 pixel #21A129 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A129; -webkit-box-shadow:4px 4px  
4px 4px #21A129; box-shadow:4px 4px 4px  
4px #21A129 }
```

Background

The CSS property to change the background color of an element to Hex 21A129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A129 }
```

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

```
.background{ background-color:#21A129 }
```

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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