

Converting Colors

Hex(21A521)

Have a look what the booklet for
Hex(21A521) contains.

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Color

Hex(21A521)

Conversions

Conversions Part 1

Format	Color
Hex	21A521
RGB	33, 165, 33
RGB Percent	13%, 65%, 13%
CMY	0.8706, 0.3529, 0.8706
CMYK	0.80, 0.00, 0.80, 0.35
HSL	120°, 67%, 39%
HSV	120°, 80%, 65%
XYZ	14.3568, 27.3434, 5.9600
YIQ	110.4840, -36.3000, -69.0360

Conversions

Conversions Part 2

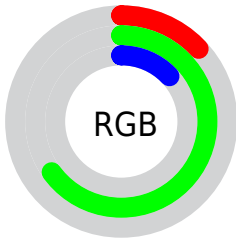
Format	Color
RYB	33, 165, 165
Decimal	2204961
CIELab	59.29, -58.25, 53.87
CIELCh	59, 79.341, 137.233
Yxy	27.3434, 0.3012, 0.5737
Android (android.graphics.Color)	4280395041 (0xFF21A521)
YUV	110.4840, -38.1996, -67.9535
Hunter-Lab	52.2909, -42.5007, 29.8459

Details

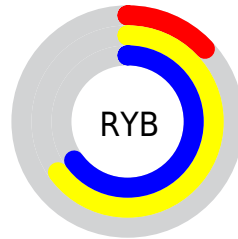
The Hex color **21A521** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A521A5**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67DD59**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **10A510**, and if you desaturate by 10%, it is **32A532**.

Distribution



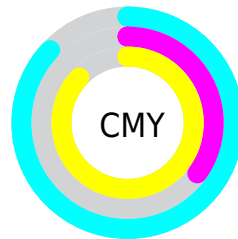
- Red (13%)
- Green (65%)
- Blue (13%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 21A521 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 21A521 by changing the saturation by 10% instead.

 21A521

 21A521

FFFFFF

 008A00

 67DD59

 007000

 85FA73

 005600

 A3FF8F

 003D00

 C0FFAA

 002600

 DEFFC7

 000000

 FDFFE3

 21A521

 21A521

 10A510

 32A532

 00A500

 42A542

 52A552

 63A563

 73A573

 84A584

 94A594

 A5A5A5

 B6A5B6

Harmonies

Analogous

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



879800



21A521



00AB6D

Triad

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



21A521



00A0FF



FF3D6A

Complementary

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



21A521



A521A5

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.



FB41B0



21A521



2F89FF

Square

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



21A521



00AAF5



C267EF



F26027

Rectangle

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



21A521



00AD9E



C267EF



FF3881

Sweetspot

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



21A521



A3D6A3



A5A521



4C6B4C



EBEBEB



6B6B6B

Same Dimension

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



21A521



09D609



21A563



495249



009100



001200

Inverse Universe

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



A521A5



D609D6



A52163



524952



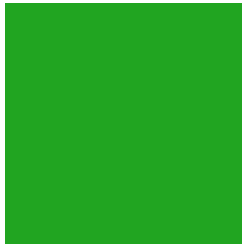
910091



120012

Previews

White Background



This preview shows how the Hex color 21A521 looks on a white background.

Color Contrast Check

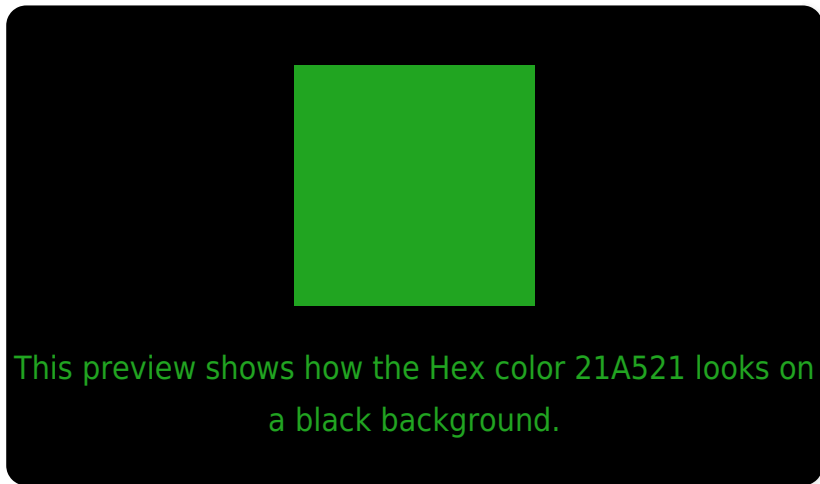
Large Text (above 18pt) WCAG AA ✓ Pass

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 21A521 Background



This preview shows how black text looks on a background with the Hex color 21A521.

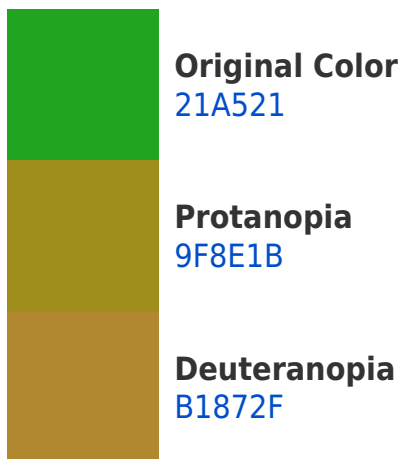


This preview shows how white text looks on a background with the Hex color 21A521.

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
4A9AA6

Trichromacy



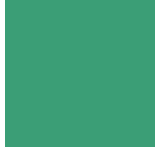
Original Color
21A521



Protanomaly
71961D



Deuteranomaly
7D922A



Tritanomaly
3B9E76

Monochromacy



Original Color
21A521



Achromatopsia
6E6E6E



Achromatomaly
528252

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A521 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 #21A521 looks like.

```
.text, #text, p{  
    color:#21A521  
}
```

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 #21A521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A521
}
```

Border

The CSS property to change the border of an element to Hex 21A521 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
#21A521 }
```

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

```
.border{ border-color:#21A521 }
```

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

Here you see how a box with a 4 pixel #21A521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A521; -webkit-box-shadow:4px 4px  
4px 4px #21A521; box-shadow:4px 4px 4px  
4px #21A521 }
```

Background

The CSS property to change the background color of an element to Hex 21A521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A521 }
```

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

```
.background{ background-color:#21A521 }
```

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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