

Converting Colors

Hex(21A36A)

Have a look what the booklet for
Hex(21A36A) contains.

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Color

Hex(21A36A)

Conversions

Conversions Part 1

Format	Color
Hex	21A36A
RGB	33, 163, 106
RGB Percent	13%, 64%, 42%
CMY	0.8706, 0.3608, 0.5843
CMYK	0.80, 0.00, 0.35, 0.36
HSL	154°, 66%, 38%
HSV	154°, 80%, 64%
XYZ	16.3259, 27.5583, 18.0945
YIQ	117.6320, -59.1830, -45.2870

Conversions

Conversions Part 2

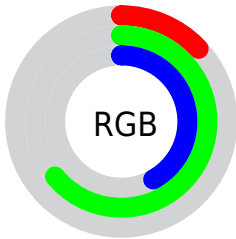
Format	Color
R_{YB}	33, 116, 163
Decimal	2204522
CIE _{Lab}	59.49, -47.44, 20.19
CIE _{LCh}	59, 51.558, 156.942
Yxy	27.5583, 0.2634, 0.4446
Android (android.graphics.Color)	4280394602 (0xFF21A36A)
YUV	117.6320, -5.7346, -74.2223
Hunter-Lab	52.4960, -36.3557, 16.3110

Details

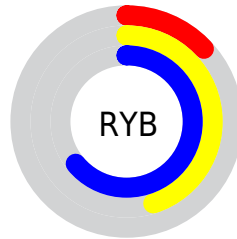
The Hex color **21A36A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A3215A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **64DB9E**, and **006E3A** is the 20% darker color. If you saturate the color by 10%, you get **11A363**, and if you desaturate by 10%, it is **31A371**.

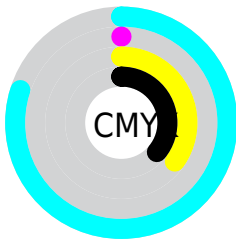
Distribution



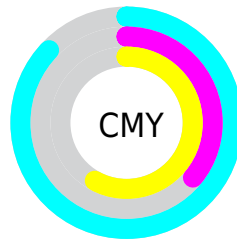
- Red (13%)
- Green (64%)
- Blue (42%)



- Red (13%)
- Yellow (45%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (35%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A36A 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 21A36A by changing the saturation by 10% instead.

 21A36A

 21A36A

FFFFFF

 008852

 64DB9E

 006E3A

 82F8B9

 005524

 9FFFD4

 003C0E

 BCFFF1

 002700


 D9FFFF

 000000

 F7FFFF

 21A36A

 21A36A

 11A363

 31A371

■ 00A35C

■ 42A378

■ 52A37F

■ 62A387

■ 72A38E

■ 83A395

■ 93A39C

■ A3A3A3

■ B4A3AA

Harmonies

Analogous

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



6E9C43



21A36A



00A699

Triad

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



21A36A



4B91E9



DD6F5B

Complementary

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



21A36A



A3215A

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.



E26786



21A36A



A07FD8

Square

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



21A36A



009DE2



CF6DB4



C4803A

Rectangle

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



21A36A



00A5B7



CF6DB4



E16B69

Sweetspot

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



21A36A



A1D4BD



5BA321



4C6B5D



EBEBEB



6B6B6B

Same Dimension

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



21A36A



08D47B



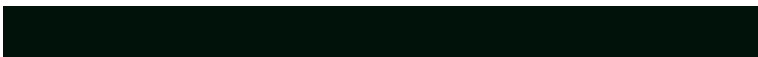
219DA3



49524E



009152



00120A

Inverse Universe

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



A3215A



D40862



A32721



52494D



910040



120008

Previews

White Background



This preview shows how the Hex color 21A36A looks on a white background.

Color Contrast Check

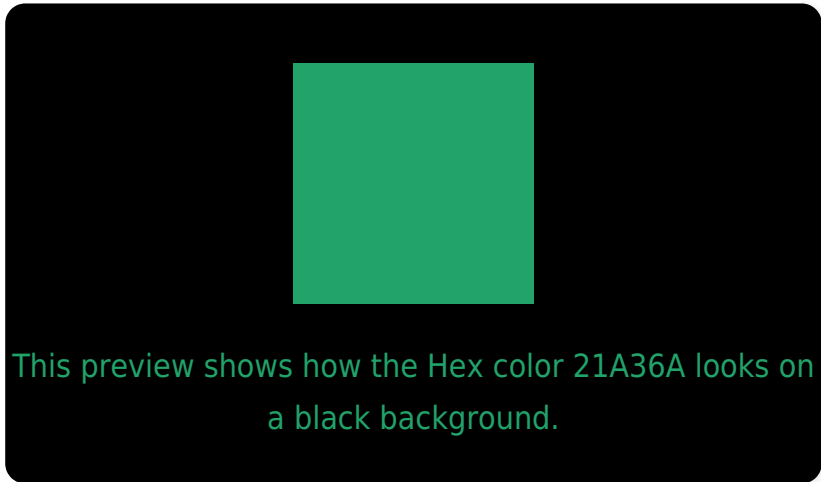
Large Text (above 18pt) WCAG AA ✓ Pass

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

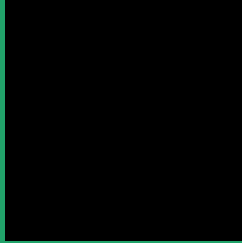
Any Text WCAG AA ✓ Pass

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 21A36A Background



This preview shows how black text looks on a background with the Hex color 21A36A.

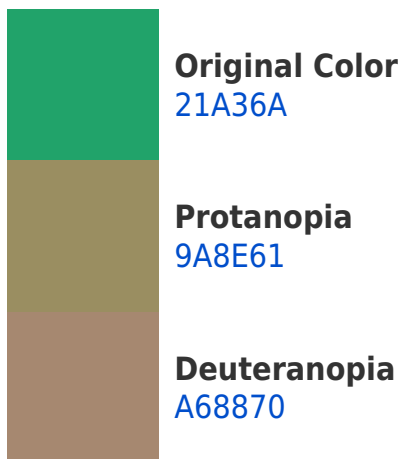


This preview shows how white text looks on a background with the Hex color 21A36A.

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](#).

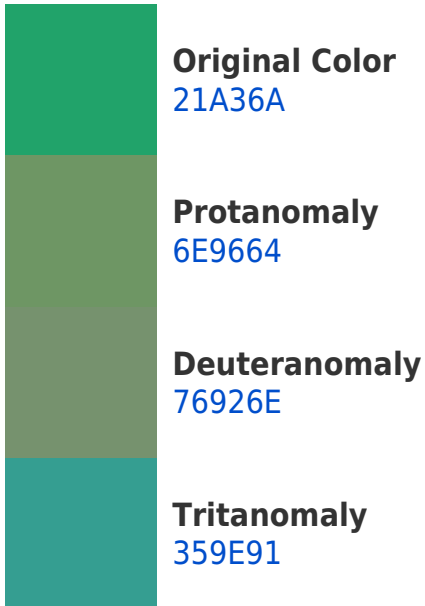
Dichromacy





Tritanopia
409BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21A36A 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 #21A36A looks like.

```
.text, #text, p{  
    color:#21A36A  
}
```

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 #21A36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A36A
}
```

Border

The CSS property to change the border of an element to Hex 21A36A 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
#21A36A }
```

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

```
.border{ border-color:#21A36A }
```

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

Here you see how a box with a 4 pixel #21A36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A36A; -webkit-box-shadow:4px 4px  
4px 4px #21A36A; box-shadow:4px 4px 4px  
4px #21A36A }
```

Background

The CSS property to change the background color of an element to Hex 21A36A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A36A }
```

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

```
.background{ background-color:#21A36A }
```

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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