

Converting Colors

Hex(21AF57)

Have a look what the booklet for
Hex(21AF57) contains.

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Color

Hex(21AF57)

Conversions

Conversions Part 1

Format	Color
Hex	21AF57
RGB	33, 175, 87
RGB Percent	13%, 69%, 34%
CMY	0.8706, 0.3137, 0.6588
CMYK	0.81, 0.00, 0.50, 0.31
HSL	143°, 68%, 41%
HSV	143°, 81%, 69%
XYZ	17.6775, 31.6714, 14.1983
YIQ	122.5100, -56.3840, -57.4720

Conversions

Conversions Part 2

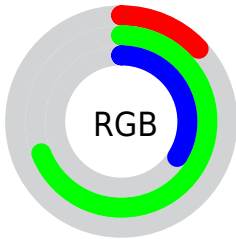
Format	Color
RYB	33, 136, 175
Decimal	2207575
CIELab	63.07, -55.41, 34.91
CIELCh	63, 65.493, 147.791
Yxy	31.6714, 0.2782, 0.4984
Android (android.graphics.Color)	4280397655 (0xFF21AF57)
YUV	122.5100, -17.5064, -78.5003
Hunter-Lab	56.2773, -42.4161, 24.4358

Details

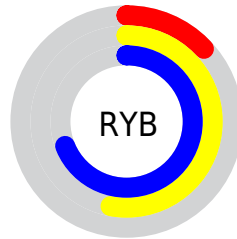
The Hex color **21AF57** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AF2179**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **67E88A**, and **007926** is the 20% darker color. If you saturate the color by 10%, you get **0FAF4C**, and if you desaturate by 10%, it is **32AF62**.

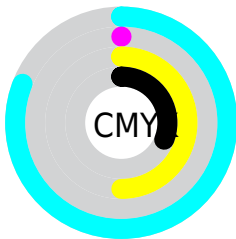
Distribution



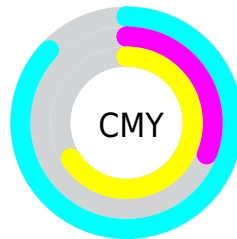
- Red (13%)
- Green (69%)
- Blue (34%)



- Red (13%)
- Yellow (53%)
- Blue (69%)



- Cyan (81%)
- Magenta (0%)
- Yellow (50%)
- Black (31%)



- Cyan (87%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21AF57 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 21AF57 by changing the saturation by 10% instead.



21AF57



21AF57

FFFFFF



00943E



67E88A



007926



85FFA5



005F0C



A3FFC1



004600



C1FFDD



003000



DFFFFA



001300

FDFFFF



000000



21AF57



21AF57



0FAF4C



32AF62

■ 00AF43

■ 44AF6D

■ 55AF78

■ 67AF82

■ 78AF8D

■ 8AAF98

■ 9BAFA3

■ ADAFAE

■ BFAFB9

Harmonies

Analogous

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



80A524



21AF57



00B492

Triad

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



21AF57



00A1FF



FE6666

Complementary

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



21AF57



AF2179

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.



FD5F9F



21AF57



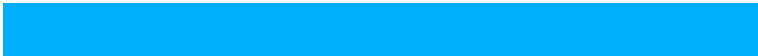
908BFF

Square

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



21AF57



00AEFB



DB71D8



E57D34

Rectangle

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



21AF57



00B4BB



DB71D8



FF6179

Sweetspot

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



21AF57



ACE3C1



7BAF21



51735E



F2F2F2



737373

Same Dimension

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



21AF57



07E35B



21AF9C



4E5751



009639



001709

Inverse Universe

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



AF2179



E3078F



AF2134



574E53



96005D



17000E

Previews

White Background



This preview shows how the Hex color 21AF57 looks on a white background.

Color Contrast Check

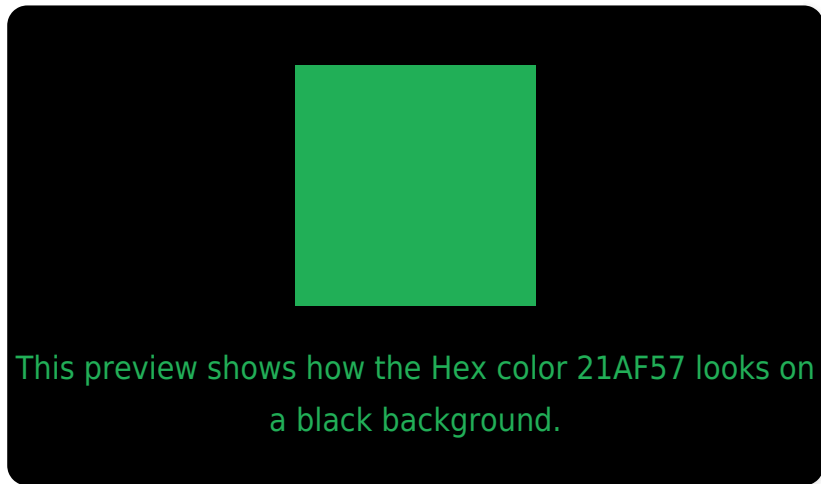
Large Text (above 18pt) WCAG AA × Fail

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

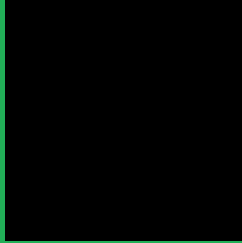
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 21AF57 Background



This preview shows how black text looks on a background with the Hex color 21AF57.

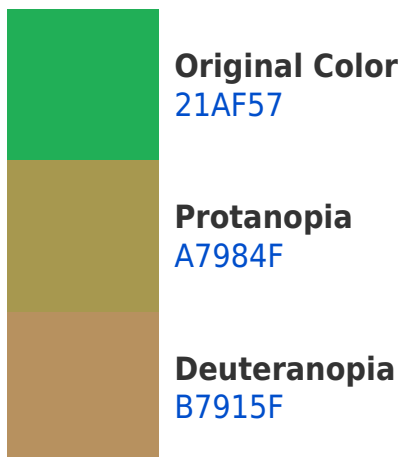


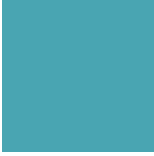
This preview shows how white text looks on a background with the Hex color 21AF57.

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](#).

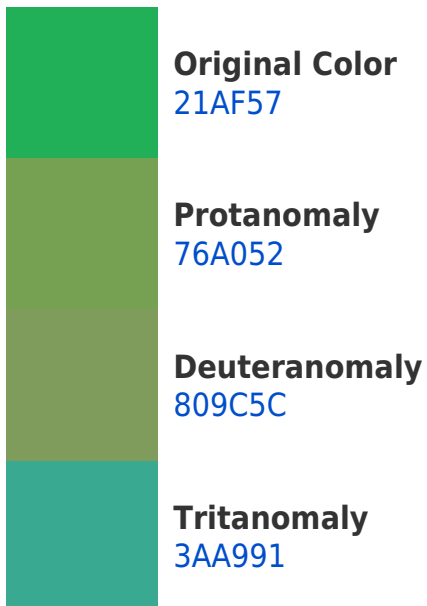
Dichromacy





Tritanopia
49A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21AF57 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 #21AF57 looks like.

```
.text, #text, p{  
    color:#21AF57  
}
```

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 #21AF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21AF57
}
```

Border

The CSS property to change the border of an element to Hex 21AF57 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
#21AF57 }
```

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

```
.border{ border-color:#21AF57 }
```

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

Here you see how a box with a 4 pixel #21AF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21AF57; -webkit-box-shadow:4px 4px  
4px 4px #21AF57; box-shadow:4px 4px 4px  
4px #21AF57 }
```

Background

The CSS property to change the background color of an element to Hex 21AF57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21AF57 }
```

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

```
.background{ background-color:#21AF57 }
```

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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