

Converting Colors

Hex(21A756)

Have a look what the booklet for
Hex(21A756) contains.

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Color

Hex(21A756)

Conversions

Conversions Part 1

Format	Color
Hex	21A756
RGB	33, 167, 86
RGB Percent	13%, 65%, 34%
CMY	0.8706, 0.3451, 0.6627
CMYK	0.80, 0.00, 0.49, 0.35
HSL	144°, 67%, 39%
HSV	144°, 80%, 65%
XYZ	16.1256, 28.6327, 13.4808
YIQ	117.7000, -53.8630, -53.5990

Conversions

Conversions Part 2

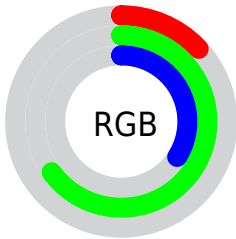
Format	Color
R_{YB}	33, 129, 167
Decimal	2205526
CIE _{Lab}	60.46, -52.75, 32.14
CIE _{LCh}	60, 61.773, 148.649
Yxy	28.6327, 0.2769, 0.4916
Android (android.graphics.Color)	4280395606 (0xFF21A756)
YUV	117.7000, -15.6281, -74.2819
Hunter-Lab	53.5095, -39.8488, 22.5195

Details

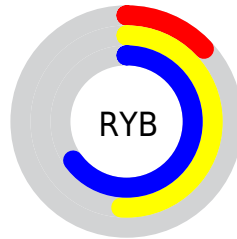
The Hex color **21A756** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A72172**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **65DF89**, and **007226** is the 20% darker color. If you saturate the color by 10%, you get **10A74C**, and if you desaturate by 10%, it is **32A760**.

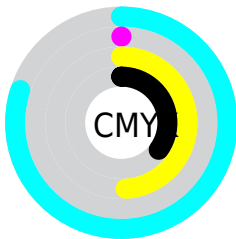
Distribution



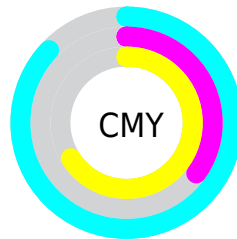
- Red (13%)
- Green (65%)
- Blue (34%)



- Red (13%)
- Yellow (51%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (49%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A756 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 21A756 by changing the saturation by 10% instead.

 21A756

 21A756

FFFFFF

 008C3E

 65DF89

 007226

 83FCA4

 00580D

 A0FFBF

 003F00

 BEFFDB

 002900

 DBFFF8

 000300

 F9FFFF

 000000

 21A756

 21A756

 10A74C

 32A760

■ 00A742

■ 42A76A

■ 53A774

■ 64A77E

■ 74A788

■ 85A793

■ 96A79D

■ A7A7A7

■ B7A7B1

Harmonies

Analogous

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



7A9E27



21A756



00AB8E

Triad

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



21A756



0099FF



F16461

Complementary

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



21A756



A72172

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.



F15D97



21A756



8D84F2

Square

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



21A756



00A6EE



D16CCB



D97933

Rectangle

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



21A756



00ACB3



D16CCB



F45F72

Sweetspot

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



21A756



A5D9B9



74A721



4E6E5A



EDEDED



6E6E6E

Same Dimension

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



21A756



09D95B



21A797



4C544F



00943A



001408

Inverse Universe

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



A72172



D90986



A72131



544C51



940059



14000C

Previews

White Background



This preview shows how the Hex color 21A756 looks on a white background.

Color Contrast Check

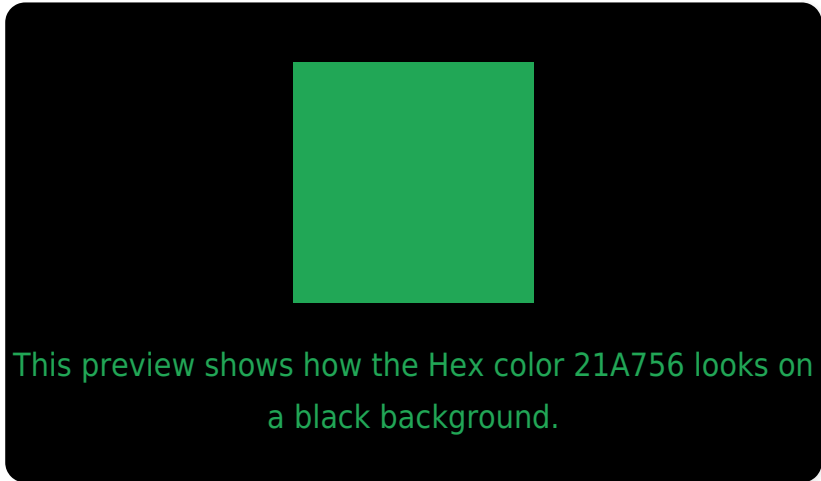
Large Text (above 18pt) WCAG AA ✓ Pass

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

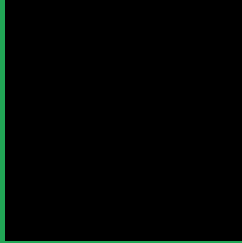
Any Text WCAG AA ✓ Pass

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 21A756 Background



This preview shows how black text looks on a background with the Hex color 21A756.



This preview shows how white text looks on a background with the Hex color 21A756.

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
21A756

Protanopia
9F914E

Deuteranopia
AE8A5D



Tritanopia
469EAA

Trichromacy



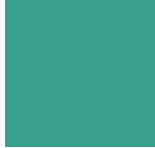
Original Color
21A756



Protanomaly
719951



Deuteranomaly
7B955A



Tritanomaly
39A18B

Monochromacy



Original Color
21A756



Achromatopsia
767676



Achromatomaly
57886A

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A756 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 #21A756 looks like.

```
.text, #text, p{  
    color:#21A756  
}
```

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 #21A756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A756
}
```

Border

The CSS property to change the border of an element to Hex 21A756 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
#21A756 }
```

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

```
.border{ border-color:#21A756 }
```

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

Here you see how a box with a 4 pixel #21A756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A756; -webkit-box-shadow:4px 4px  
4px 4px #21A756; box-shadow:4px 4px 4px  
4px #21A756 }
```

Background

The CSS property to change the background color of an element to Hex 21A756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A756 }
```

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

```
.background{ background-color:#21A756 }
```

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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