

Converting Colors

Hex(21A685)

Have a look what the booklet for
Hex(21A685) contains.

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Color

Hex(21A685)

Conversions

Conversions Part 1

Format	Color
Hex	21A685
RGB	33, 166, 133
RGB Percent	13%, 65%, 52%
CMY	0.8706, 0.3490, 0.4784
CMYK	0.80, 0.00, 0.20, 0.35
HSL	165°, 67%, 39%
HSV	165°, 80%, 65%
XYZ	18.4971, 29.2892, 26.8688
YIQ	122.4710, -68.6750, -38.4590

Conversions

Conversions Part 2

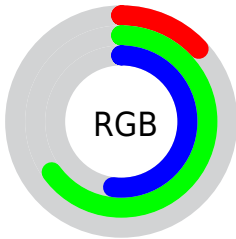
Format	Color
RYB	33, 109, 166
Decimal	2205317
CIELab	61.04, -42.30, 7.37
CIElCh	61, 42.939, 170.111
Yxy	29.2892, 0.2478, 0.3923
Android (android.graphics.Color)	4280395397 (0xFF21A685)
YUV	122.4710, 5.1908, -78.4661
Hunter-Lab	54.1195, -33.7011, 8.4479

Details

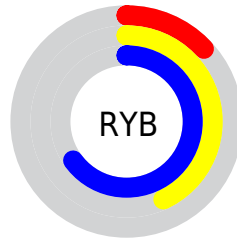
The Hex color **21A685** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A62142**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66DEBA**, and **007154** is the 20% darker color. If you saturate the color by 10%, you get **10A681**, and if you desaturate by 10%, it is **32A689**.

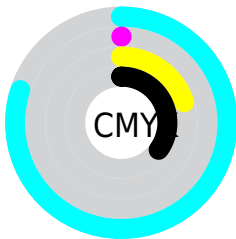
Distribution



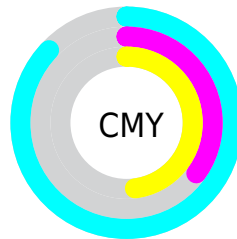
- Red (13%)
- Green (65%)
- Blue (52%)



- Red (13%)
- Yellow (43%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A685 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 21A685 by changing the saturation by 10% instead.

 21A685

 21A685

FFFFFF

 008B6C

 66DEBA

 007154

 83FBD6

 00583C

 A1FFF2

 003F27

 BEFFFF

 002A12

 DCFFFF

 000700

 FAFFFF

 000000

 21A685

 21A685

 10A681

 32A689

■ 00A67D

■ 42A68D

■ 53A691

■ 63A695

■ 74A69A

■ 85A69E

■ 95A6A2

■ A6A6A6

■ B6A6AA

Harmonies

Analogous

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



65A261



21A685



00A7AC

Triad

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



21A685



838EDA



D07F5A

Complementary

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



21A685



A62142

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.



DB757B



21A685



B680C4

Square

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



21A685



2F9BDE



D475A2



B58D47

Rectangle

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



21A685



00A5C3



D475A2



D57B64

Sweetspot

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



21A685



A5D9CC



42A621



4E6E66



EDEDED



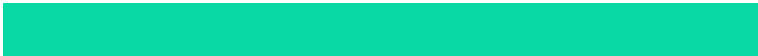
6E6E6E

Same Dimension

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



21A685



09D9A5



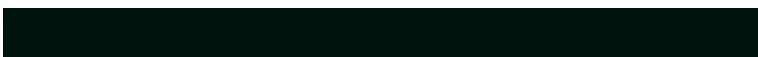
2185A6



4C5452



00946F



00140F

Inverse Universe

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



A62142



D9093C



A64221



544C4E



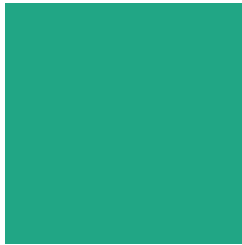
940025



140005

Previews

White Background



This preview shows how the Hex color 21A685 looks on a white background.

Color Contrast Check

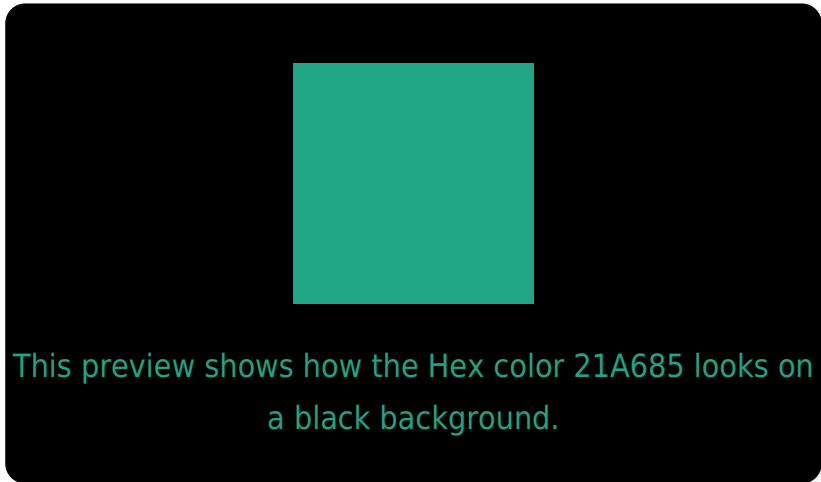
Large Text (above 18pt) WCAG AA ✓ Pass

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

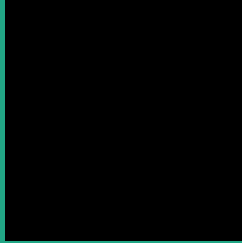
Any Text WCAG AA ✓ Pass

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 21A685 Background



This preview shows how black text looks on a background with the Hex color 21A685.

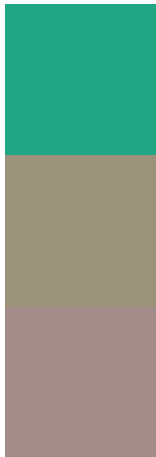


This preview shows how white text looks on a background with the Hex color 21A685.

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](#).

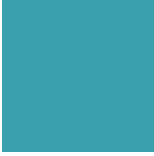
Dichromacy



Original Color
21A685

Protanopia
9A927B

Deuteranopia
A38D8A



Trichromacy



Original Color
21A685



Protanomaly
6E997F



Deuteranomaly
749688



Tritanomaly
31A29F

Monochromacy



Original Color
21A685



Achromatopsia
7A7A7A



Achromatomaly
5A8A7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A685 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 #21A685 looks like.

```
.text, #text, p{  
    color:#21A685  
}
```

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 #21A685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A685
}
```

Border

The CSS property to change the border of an element to Hex 21A685 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
#21A685 }
```

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

```
.border{ border-color:#21A685 }
```

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

Here you see how a box with a 4 pixel #21A685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A685; -webkit-box-shadow:4px 4px  
4px 4px #21A685; box-shadow:4px 4px 4px  
4px #21A685 }
```

Background

The CSS property to change the background color of an element to Hex 21A685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A685 }
```

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

```
.background{ background-color:#21A685 }
```

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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