

Converting Colors

Hex(21B680)

Have a look what the booklet for
Hex(21B680) contains.

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Color

Hex(21B680)

Conversions

Conversions Part 1

Format	Color
Hex	21B680
RGB	33, 182, 128
RGB Percent	13%, 71%, 50%
CMY	0.8706, 0.2863, 0.4980
CMYK	0.82, 0.00, 0.30, 0.29
HSL	158°, 69%, 42%
HSV	158°, 82%, 71%
XYZ	21.2514, 35.3377, 26.1229
YIQ	131.2930, -71.4700, -48.3820

Conversions

Conversions Part 2

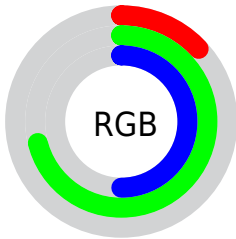
Format	Color
RYB	33, 124, 182
Decimal	2209408
CIELab	66.01, -50.02, 17.12
CIELCh	66, 52.871, 161.103
Yxy	35.3377, 0.2569, 0.4272
Android (android.graphics.Color)	4280399488 (0xFF21B680)
YUV	131.2930, -1.6234, -86.2030
Hunter-Lab	59.4456, -40.2170, 15.5574

Details

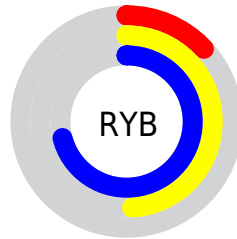
The Hex color **21B680** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B62157**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **69EFB5**, and **00804F** is the 20% darker color. If you saturate the color by 10%, you get **0FB679**, and if you desaturate by 10%, it is **33B687**.

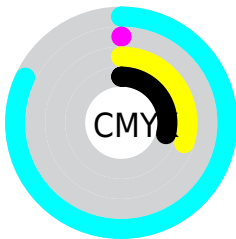
Distribution



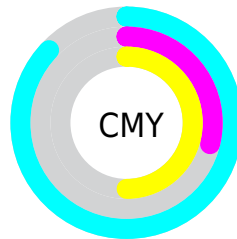
- Red (13%)
- Green (71%)
- Blue (50%)



- Red (13%)
- Yellow (49%)
- Blue (71%)



- Cyan (82%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)



- Cyan (87%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21B680 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 21B680 by changing the saturation by 10% instead.


 21B680

 21B680

FFFFFF

 009B67

 69EFB5

 00804F

 87FFD1

 006637

 A5FFED

 004D22

 C3FFFF

 00350C

 E1FFFF

 001D00

 000000

 21B680

 21B680

 0FB679

 33B687

 00B674

 45B68D

 58B694

 6AB69A

 7CB6A1

 8EB6A8

 A0B6AE

 B3B6B5

 C5B6BB

Harmonies

Analogous

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



77AF56



21B680



00B8B1

Triad

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



21B680



6DA0FE



F08264

Complementary

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



21B680



B62157

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.



F97791



21B680



BB8DE8

Square

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



21B680



00AEFA



E87CC0



D49345

Rectangle

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



21B680



00B7D0



E87CC0



F67D72

Sweetspot

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



21B680



B2EDD8



58B621



54786B



F7F7F7



787878

Same Dimension

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



21B680



05ED99



21A2B6



535C58



009C63



001C12

Inverse Universe

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



B62157



ED0559



B63521



5C5356



9C0038



1C000A

Previews

White Background



This preview shows how the Hex color 21B680 looks on a white background.

Color Contrast Check

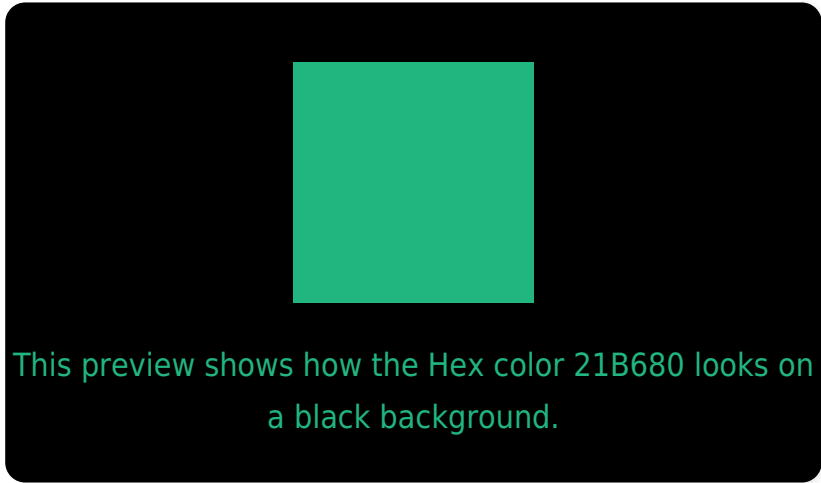
Large Text (above 18pt) WCAG AA × Fail

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

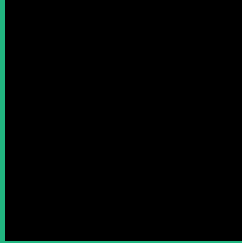
Any Text WCAG AA ✓ Pass

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 21B680 Background



This preview shows how black text looks on a background with the Hex color 21B680.

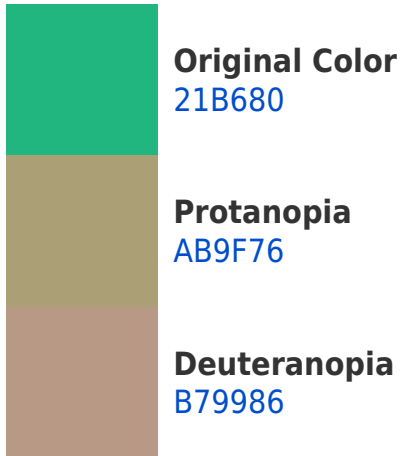


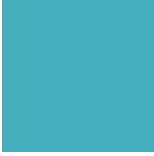
This preview shows how white text looks on a background with the Hex color 21B680.

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](#).

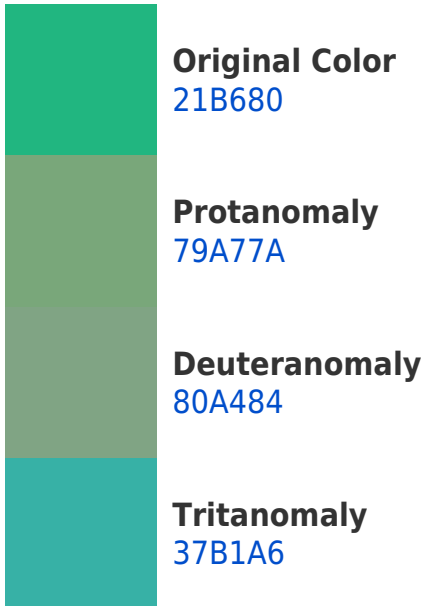
Dichromacy



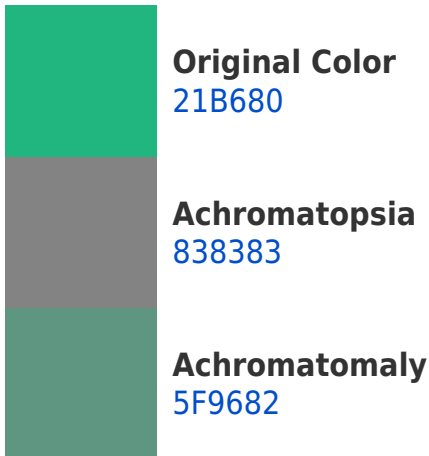


Tritanopia
44AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21B680 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 #21B680 looks like.

```
.text, #text, p{  
    color:#21B680  
}
```

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 #21B680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B680
}
```

Border

The CSS property to change the border of an element to Hex 21B680 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
#21B680 }
```

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

```
.border{ border-color:#21B680 }
```

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

Here you see how a box with a 4 pixel #21B680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B680; -webkit-box-shadow:4px 4px  
4px 4px #21B680; box-shadow:4px 4px 4px  
4px #21B680 }
```

Background

The CSS property to change the background color of an element to Hex 21B680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B680 }
```

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

```
.background{ background-color:#21B680 }
```

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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