

# Converting Colors

Hex(21B486)

Have a look what the booklet for  
Hex(21B486) contains.

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**Color**

**Hex(21B486)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 21B486                       |
| RGB         | 33, 180, 134                 |
| RGB Percent | 13%, 71%, 53%                |
| CMY         | 0.8706, 0.2941, 0.4745       |
| CMYK        | 0.82, 0.00, 0.26, 0.29       |
| HSL         | 161°, 69%, 42%               |
| HSV         | 161°, 82%, 71%               |
| XYZ         | 21.2515, 34.6871, 28.1295    |
| YIQ         | 130.8030, -72.8460, -45.4700 |

# Conversions

## Conversions Part 2

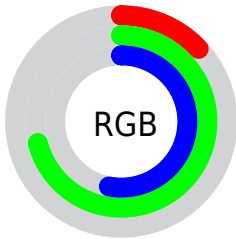
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">33, 120, 180</a>                   |
| Decimal                             | <a href="#">2208902</a>                        |
| CIELab                              | <a href="#">65.50, -47.84, 13.15</a>           |
| CIELCh                              | <a href="#">66, 49.612, 164.634</a>            |
| Yxy                                 | <a href="#">34.6871, 0.2528,<br/>0.4126</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4280398982<br/>(0xFF21B486)</a>    |
| YUV                                 | <a href="#">130.8030, 1.5761,<br/>-85.7732</a> |
| Hunter-Lab                          | <a href="#">58.8957, -38.6588,<br/>12.9093</a> |

# Details

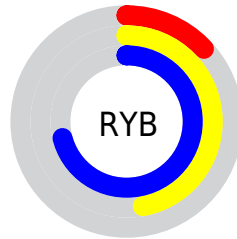
The Hex color **21B486** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B4214F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **69EDBB**, and **007E54** is the 20% darker color. If you saturate the color by 10%, you get **0FB480**, and if you desaturate by 10%, it is **33B48C**.

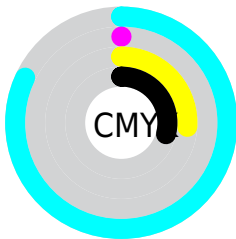
# Distribution



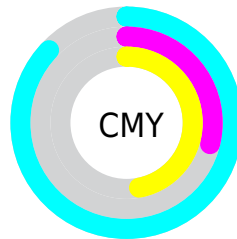
- Red (13%)
- Green (71%)
- Blue (53%)



- Red (13%)
- Yellow (47%)
- Blue (71%)



- Cyan (82%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)



- Cyan (87%)
- Magenta (29%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21B486 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 21B486 by changing the saturation by 10% instead.



 21B486

 21B486

FFFFFF

 00996D

 69EDBB

 007E54

 87FFD7

 00643D

 A5FFF3

 004B27

 C3FFFF

 003312

 E1FFFF

 001C00

 000000

 21B486

 21B486

 0FB480

 33B48C

00B47C

45B491

57B497

69B49D

7BB4A2

8DB4A8

9FB4AD

B1B4B3

C3B4B9

# Harmonies

## Analogous

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



72AE5D



21B486



00B6B4

# Triad

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



21B486



7B9CF5



E88463

# Complementary

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



21B486



B4214F

# 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.



F37A8B



21B486



BE8BDF

# Square

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



21B486



00AAF4



E67CB8



CC9548

# Rectangle

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



21B486



00B4D0



E67CB8



EE806F



# Sweetspot

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



21B486



B0EBD8



50B421



52756A



F5F5F5



757575



# Same Dimension

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



21B486



05EBA3



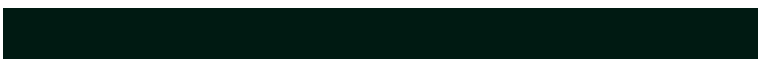
2199B4



505956



009969



001A12



# Inverse Universe

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



B4214F



EB054D



B43C21



595053



990030

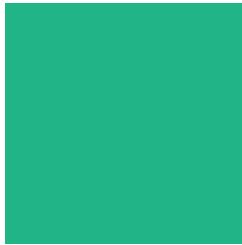


1A0008



# Previews

## White Background



This preview shows how the Hex color 21B486 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



This preview shows how the Hex color 21B486 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

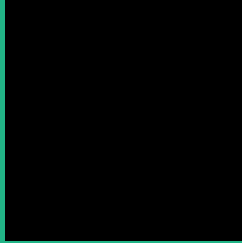
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 21B486 Background



This preview shows how black text looks on a background with the Hex color 21B486.



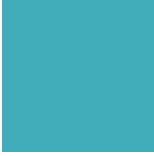
This preview shows how white text looks on a background with the Hex color 21B486.

# 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**  
41ADBB

# Trichromacy



**Original Color**  
21B486



**Protanomaly**  
77A67F



**Deuteranomaly**  
7EA28A



**Tritanomaly**  
35B0A8

# Monochromacy



**Original Color**  
21B486



**Achromatopsia**  
838383



**Achromatomaly**  
5F9584

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21B486 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 #21B486 looks like.

```
.text, #text, p{  
    color:#21B486  
}
```

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 #21B486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B486
}
```

## Border

The CSS property to change the border of an element to Hex 21B486 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
#21B486 }
```

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

```
.border{ border-color:#21B486 }
```

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

Here you see how a box with a 4 pixel #21B486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B486; -webkit-box-shadow:4px 4px  
4px 4px #21B486; box-shadow:4px 4px 4px  
4px #21B486 }
```

# Background

The CSS property to change the background color of an element to Hex 21B486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B486 }
```

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

```
.background{ background-color:#21B486 }
```

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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