

Converting Colors

Hex(21B395)

Have a look what the booklet for
Hex(21B395) contains.

Hex(21B395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(21B395)

Conversions

Conversions Part 1

Format	Color
Hex	21B395
RGB	33, 179, 149
RGB Percent	13%, 70%, 58%
CMY	0.8706, 0.2980, 0.4157
CMYK	0.82, 0.00, 0.17, 0.30
HSL	168°, 69%, 42%
HSV	168°, 82%, 70%
XYZ	22.1721, 34.7335, 33.9694
YIQ	131.9260, -77.3860, -40.2820

Conversions

Conversions Part 2

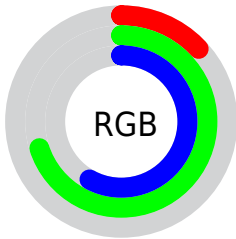
Format	Color
RYB	33, 114, 179
Decimal	2208661
CIELab	65.54, -43.67, 4.94
CIELCh	66, 43.953, 173.545
Yxy	34.7335, 0.2440, 0.3822
Android (android.graphics.Color)	4280398741 (0xFF21B395)
YUV	131.9260, 8.4175, -86.7581
Hunter-Lab	58.9351, -35.9825, 7.0806

Details

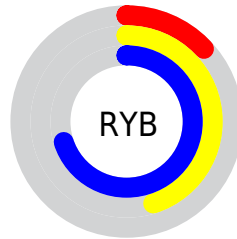
The Hex color **21B395** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B3213F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **69ECCB**, and **007D62** is the 20% darker color. If you saturate the color by 10%, you get **0FB391**, and if you desaturate by 10%, it is **33B399**.

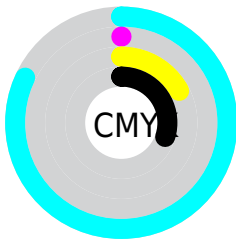
Distribution



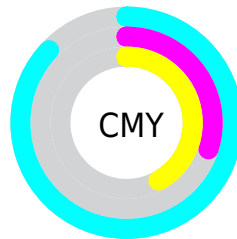
- Red (13%)
- Green (70%)
- Blue (58%)



- Red (13%)
- Yellow (45%)
- Blue (70%)



- Cyan (82%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)



- Cyan (87%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21B395 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 21B395 by changing the saturation by 10% instead.

 21B395

 21B395

FFFFFF

 00987B

 69ECCB

 007D62

 88FFE7

 00634B

 A6FFFF

 004B34

 C3FFFF

 00331F

 E2FFFF

 001C07

 000000

 21B395

 21B395

 0FB391

 33B399

00B38E

45B39C

57B3A0

69B3A4

7BB3A7

8CB3AB

9EB3AF

B0B3B2

C2B3B6

Harmonies

Analogous

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



69AF6F



21B395



00B3BD

Triad

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



21B395



9698E7



DC8C61

Complementary

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



21B395



B3213F

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.



EA8182



21B395



C889CE

Square

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



21B395



49A6ED



E480A9



BF9A50

Rectangle

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



21B395



00B1D4



E480A9



E2876B

Sweetspot

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



21B395



B0E8DD



41B321



53756E



F5F5F5



757575

Same Dimension

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



21B395



05E8B9



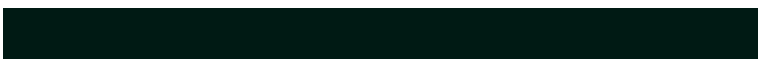
218AB3



505957



00997A



001A14

Inverse Universe

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



B3213F



E80533



B34A21



595052



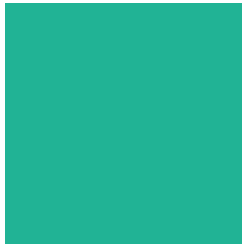
99001F



1A0005

Previews

White Background



This preview shows how the Hex color 21B395 looks on a white background.

Color Contrast Check

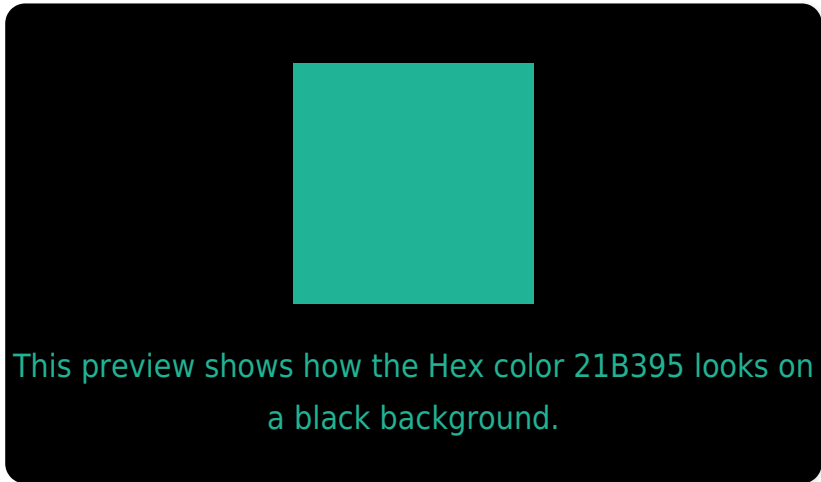
Large Text (above 18pt) WCAG AA × Fail

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

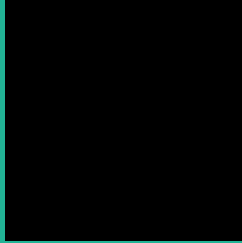
Any Text WCAG AA ✓ Pass

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 21B395 Background



This preview shows how black text looks on a background with the Hex color 21B395.

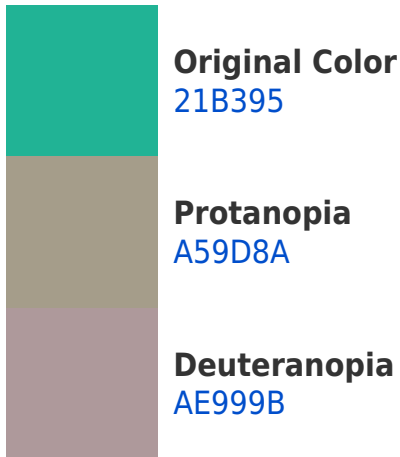


This preview shows how white text looks on a background with the Hex color 21B395.

Color Blindness Simulation

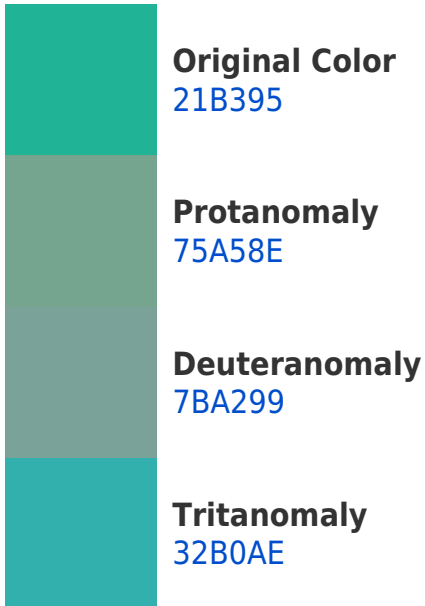
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

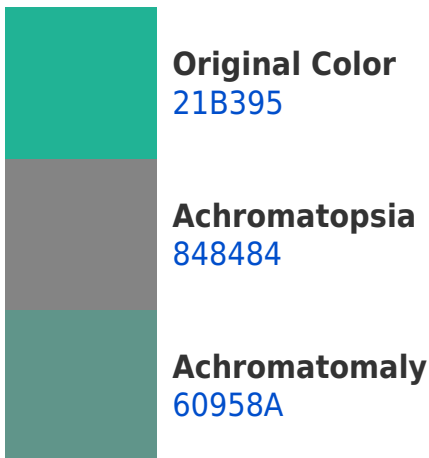




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21B395 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 #21B395 looks like.

```
.text, #text, p{  
    color:#21B395  
}
```

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 #21B395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B395
}
```

Border

The CSS property to change the border of an element to Hex 21B395 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
#21B395 }
```

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

```
.border{ border-color:#21B395 }
```

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

Here you see how a box with a 4 pixel #21B395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B395; -webkit-box-shadow:4px 4px  
4px 4px #21B395; box-shadow:4px 4px 4px  
4px #21B395 }
```

Background

The CSS property to change the background color of an element to Hex 21B395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B395 }
```

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

```
.background{ background-color:#21B395 }
```

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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