

Converting Colors

Hex(41B5B8)

Have a look what the booklet for
Hex(41B5B8) contains.

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Color

Hex(41B5B8)

Conversions

Conversions Part 1

Format	Color
Hex	41B5B8
RGB	65, 181, 184
RGB Percent	25%, 71%, 72%
CMY	0.7451, 0.2902, 0.2784
CMYK	0.65, 0.02, 0.00, 0.28
HSL	182°, 48%, 49%
HSV	182°, 65%, 72%
XYZ	27.3556, 37.6323, 51.1694
YIQ	146.6580, -70.0990, -23.6590

Conversions

Conversions Part 2

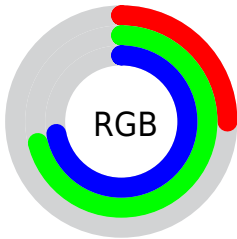
Format	Color
R _Y B	65, 124, 184
Decimal	4306360
CIE Lab	67.75, -30.87, -11.10
CIE LCh	68, 32.800, 199.779
Yxy	37.6323, 0.2355, 0.3240
Android (android.graphics.Color)	4282496440 (0xFF41B5B8)
YUV	146.6580, 18.4096, -71.6141
Hunter-Lab	61.3451, -27.7557, -6.5135




Details

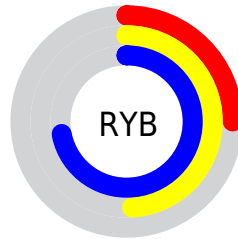
The Hex color **41B5B8** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B84441**, and the grayscale version is **939393**.




A 20% lighter version of the original color is **7FEDF0**, and **008083** is the 20% darker color. If you saturate the color by 10%, you get **2FB5B8**, and if you desaturate by 10%, it is **53B5B8**.

Distribution







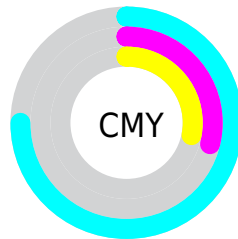
-  Red (25%)
-  Green (71%)
-  Blue (72%)






-  Red (25%)
-  Yellow (49%)
-  Blue (72%)



-  Cyan (65%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (75%)
-  Magenta (29%)
-  Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41B5B8 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 41B5B8 by changing the saturation by 10% instead.

 41B5B8

 41B5B8

FFFFFF

 169A9D

 7FEDF0

 008083

 9DFFFF

 00666A

 BAFFFF

 004E52

 D8FFFF

 00363B

 F6FFFF

 002225

 000110

 000000

 41B5B8

 41B5B8

■ 2FB5B8

■ 53B5B8

■ 1CB4B8

■ 66B6B8

■ 0AB4B8

■ 78B6B8

■ 00B3B8

■ 8BB7B8

■ 9DB7B8

■ AFB8B8

■ C2B8B8

■ D4B9B8

■ E7B9B8

Harmonies

Analogous

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



60B59A



41B5B8



44B2D1

Triad

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



41B5B8



C197CC



C2A06B

Complementary

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



41B5B8



B84441

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.



D79679



41B5B8



D890B0

Square

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



41B5B8



9BA1DD



E08F92



A5A96D

Rectangle

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



41B5B8



5DAEDC



E08F92



CA9C6E

Sweetspot

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



41B5B8



C2EFF0



41B843



5C7778



F7F7F7



787878

Same Dimension

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



41B5B8



35EBF0



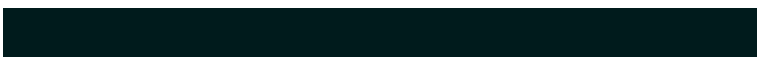
417BB8



535C5C



00989C



001B1C

Inverse Universe

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



B841B5



F035EB



B87E41



5C535C



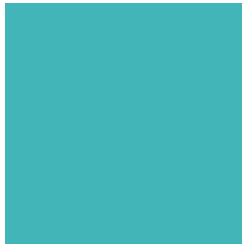
9C0098



1C001B

Previews

White Background



This preview shows how the Hex color 41B5B8 looks on a white background.

Color Contrast Check

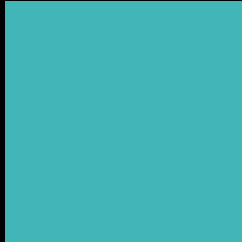
Large Text (above 18pt) WCAG AA × Fail

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 41B5B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

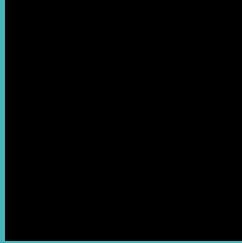
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

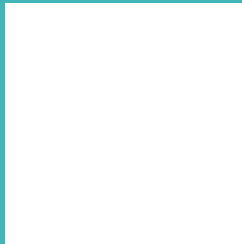
Any Text WCAG AAA ✓ Pass

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

Hex 41B5B8 Background



This preview shows how black text looks on a background with the Hex color 41B5B8.

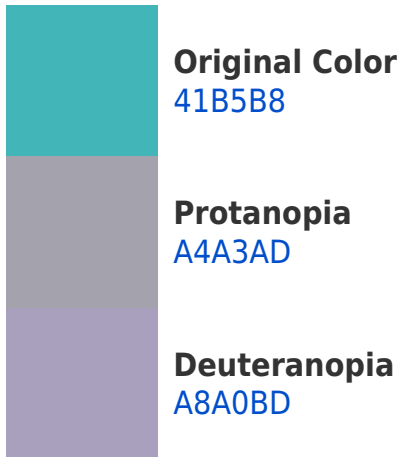


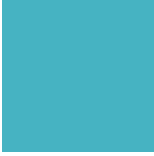
This preview shows how white text looks on a background with the Hex color 41B5B8.

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](#).

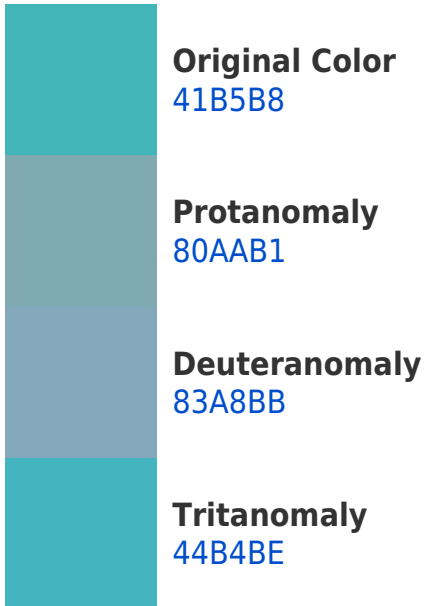
Dichromacy



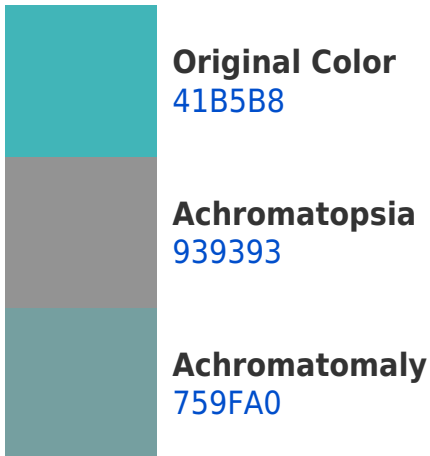


Tritanopia
46B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B5B8 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 #41B5B8 looks like.

```
.text, #text, p{  
    color:#41B5B8  
}
```

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 #41B5B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B5B8
}
```

Border

The CSS property to change the border of an element to Hex 41B5B8 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
#41B5B8 }
```

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

```
.border{ border-color:#41B5B8 }
```

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

Here you see how a box with a 4 pixel #41B5B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B5B8; -webkit-box-shadow:4px 4px  
4px 4px #41B5B8; box-shadow:4px 4px 4px  
4px #41B5B8 }
```

Background

The CSS property to change the background color of an element to Hex 41B5B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B5B8 }
```

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

```
.background{ background-color:#41B5B8 }
```

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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