

Converting Colors

Hex(41BADA)

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

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Color

Hex(41BADA)

Conversions

Conversions Part 1

Format	Color
Hex	41BADA
RGB	65, 186, 218
RGB Percent	25%, 73%, 85%
CMY	0.7451, 0.2706, 0.1451
CMYK	0.70, 0.15, 0.00, 0.15
HSL	193°, 67%, 55%
HSV	193°, 70%, 85%
XYZ	32.3938, 41.3036, 72.5947
YIQ	153.4690, -82.3880, -15.7000

Conversions

Conversions Part 2

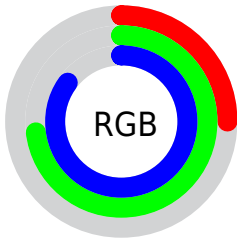
Format	Color
R _{YB}	65, 133, 218
Decimal	4307674
CIE Lab	70.39, -23.11, -25.78
CIE LCh	70, 34.616, 228.126
Yxy	41.3036, 0.2214, 0.2823
Android (android.graphics.Color)	4282497754 (0xFF41BADA)
YUV	153.4690, 31.8138, -77.5873
Hunter-Lab	64.2679, -22.4971, -21.9844

Details

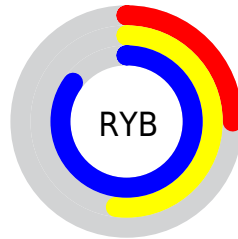
The Hex color **41BADA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DA6141**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **83F2FF**, and **0085A3** is the 20% darker color. If you saturate the color by 10%, you get **2BB5DA**, and if you desaturate by 10%, it is **57BFDA**.

Distribution



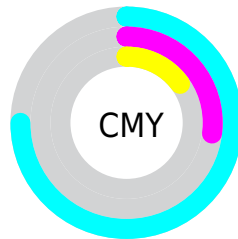
- Red (25%)
- Green (73%)
- Blue (85%)



- Red (25%)
- Yellow (52%)
- Blue (85%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 41BADA

 41BADA

FFFFFF

 0A9FBE


 83F2FF

 0085A3

 A2FFFF

 006B89

 C0FFFF

 00536F

 DFFFFFF

 003B57

 FFFFFFF

 00263F

 000629

 000114

 000000

 41BADA

 41BADA

 2BB5DA

 57BFDA

 15B1DA

 6DC3DA

 00ACDA

 82C8DA

 98CCDA

 AED1DA

 C4D5DA

 DADADA

 EFDEDA

 FFE3DA

Harmonies

Analogous

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



41BDBF



41BADA



6CB3E9

Triad

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



41BADA



E295BA



AEB070

Complementary

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



41BADA



DA6141

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.



CDA66F



41BADA



EA959A

Square

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



41BADA



C89DD6



E29B7F



8AB881

Rectangle

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



41BADA



8EACEA



E29B7F



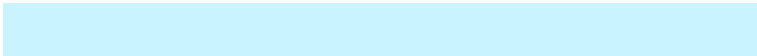
B9AD6D

Sweetspot

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



41BADA



C9F4FF



41DA60



607980



000000



808080

Same Dimension

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



41BADA



29D2FF



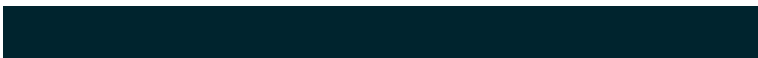
416FDA



636B6E



0089AD



00242E

Inverse Universe

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



DA41BA



FF29D2



DAAC41



6E636B



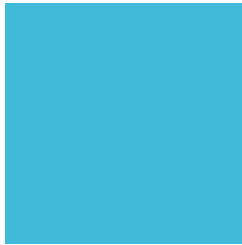
AD0089



2E0024

Previews

White Background



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

Color Contrast Check

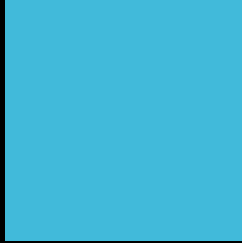
Large Text (above 18pt) WCAG AA × Fail

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 41BADA 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 41BADA Background



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

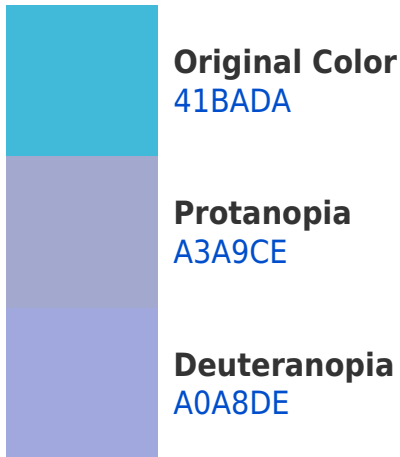


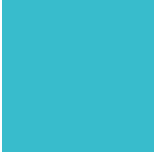
This preview shows how white text looks on a background with the Hex color 41BADA.

Color Blindness Simulation

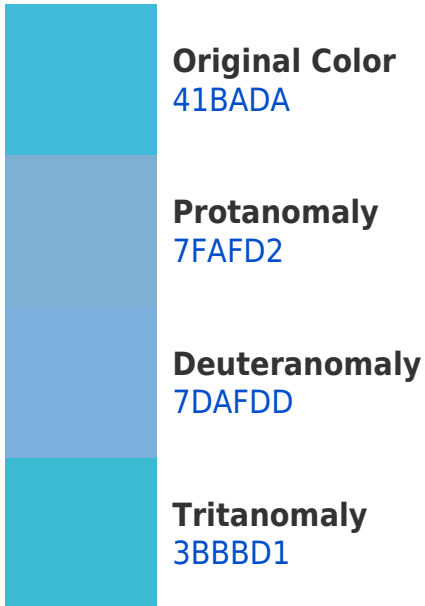
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

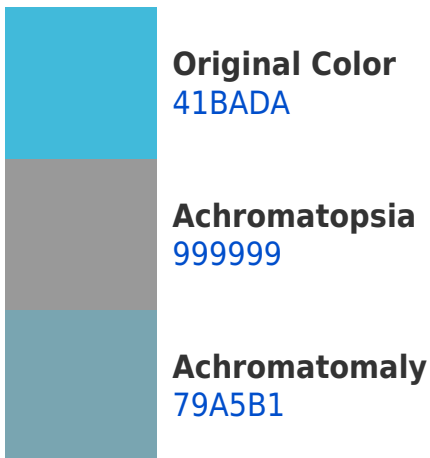




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #41BADA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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