

Converting Colors

Hex(41AFBA)

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

| | |
|--|----|
| Hex(41AFBA) | 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(41AFBA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 41AFBA |
| RGB | 65, 175, 186 |
| RGB Percent | 25%, 69%, 73% |
| CMY | 0.7451, 0.3137, 0.2706 |
| CMYK | 0.65, 0.06, 0.00, 0.27 |
| HSL | 185°, 48%, 49% |
| HSV | 185°, 65%, 73% |
| XYZ | 26.3729, 35.3289, 51.8835 |
| YIQ | 143.3640, -69.0910, -19.8990 |

Conversions

Conversions Part 2

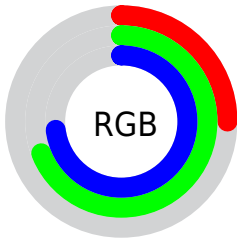
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 65, 123, 186 |
| Decimal | 4304826 |
| CIELab | 66.00, -27.35, -14.83 |
| CIElCh | 66, 31.108, 208.468 |
| Yxy | 35.3289, 0.2322, 0.3110 |
| Android (android.graphics.Color) | 4282494906 (0xFF41AFBA) |
| YUV | 143.3640, 21.0195, -68.7252 |
| Hunter-Lab | 59.4381, -24.8158, -10.1475 |

Details

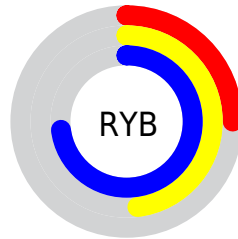
The Hex color **41AFBA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA4C41**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7FE7F2**, and **007A85** is the 20% darker color. If you saturate the color by 10%, you get **2EADBA**, and if you desaturate by 10%, it is **54B1BA**.

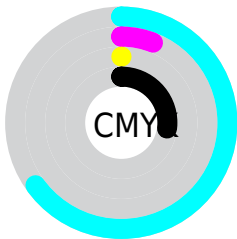
Distribution



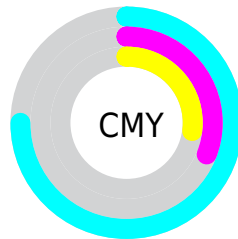
- Red (25%)
- Green (69%)
- Blue (73%)



- Red (25%)
- Yellow (48%)
- Blue (73%)



- Cyan (65%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 41AFBA

 41AFBA

FFFFFF

 17949F

 7FE7F2

 007A85

 9CFFFF

 00616C

 BAFFFF

 004953

 D8FFFF

 00323C

 F6FFFF

 001E26

 000112

 000000

 41AFBA

 41AFBA

■ 2EADBA

■ 54B1BA

■ 1CACBA

■ 66B2BA

■ 09AABA

■ 79B4BA

■ 00A9BA

■ 8BB6BA

■ 9EB7BA

■ B1B9BA

■ C3BBBA

■ D6BDBA

■ E8BEBA

Harmonies

Analogous

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



56B09E



41AFBA



50ABCF

Triad

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



41AFBA



C390BE



B59E68

Complementary

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



41AFBA



BA4C41

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.



CB9572



41AFBA



D58BA3

Square

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



41AFBA



A29AD1



D78D87



98A76F

Rectangle

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



41AFBA



6AA6D6



D78D87



BD9B6A

Sweetspot

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



41AFBA



C2EEF2



41BA4B



5D787A



FAFAFA



7A7A7A

Same Dimension

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



41AFBA



35E1F2



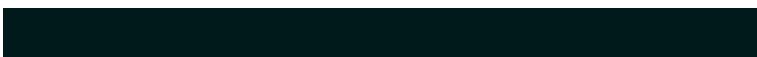
4173BA



535B5C



008D9C



001A1C

Inverse Universe

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



BA41AF



F235E1



BA8841



5C535B



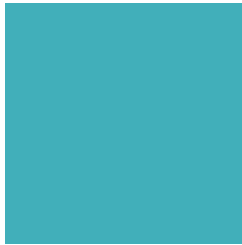
9C008D



1C001A

Previews

White Background



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

Color Contrast Check

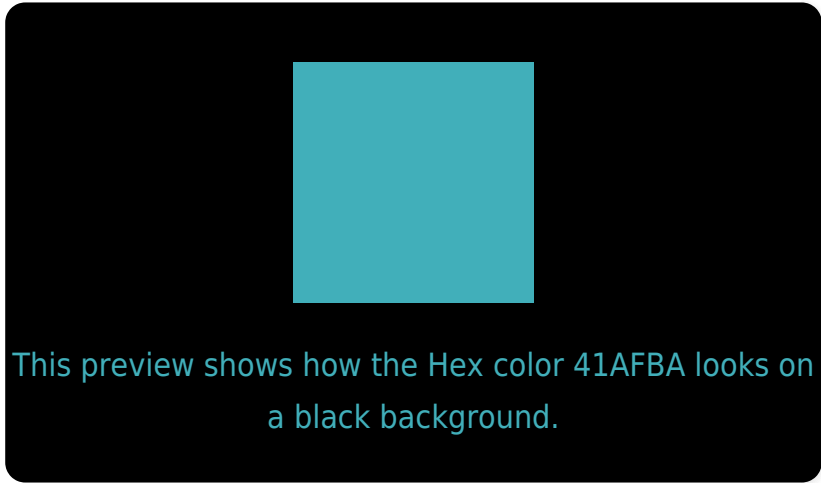
Large Text (above 18pt) WCAG AA × Fail

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

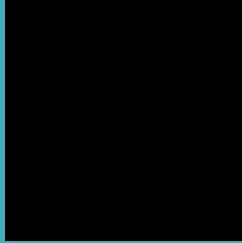
Any Text WCAG AA ✓ Pass

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 41AFBA Background



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

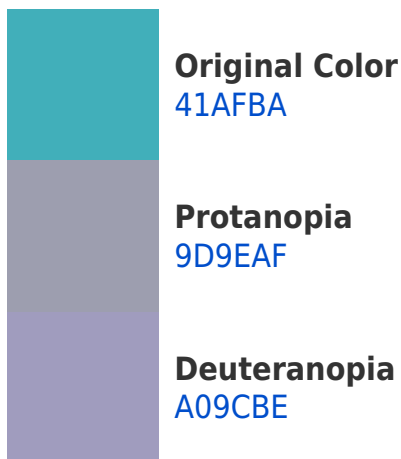


This preview shows how white text looks on a background with the Hex color 41AFBA.

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](#).

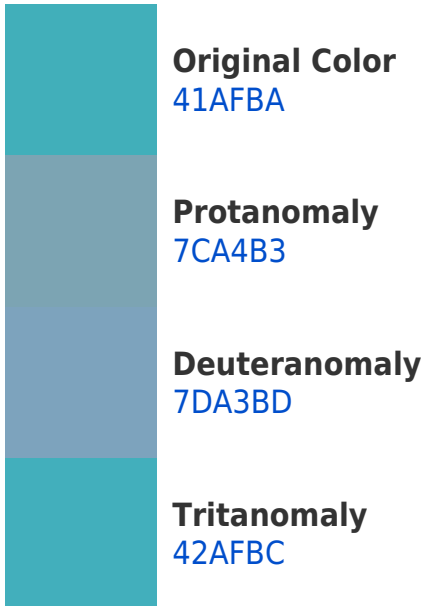
Dichromacy



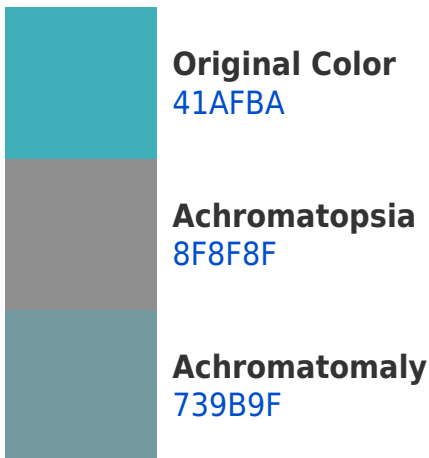


Tritanopia
42AFBD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #41AFBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor