

Converting Colors

Hex(46ADBA)

Have a look what the booklet for
Hex(46ADBA) contains.

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Color

Hex(46ADBA)

Conversions

Conversions Part 1

Format	Color
Hex	46ADBA
RGB	70, 173, 186
RGB Percent	27%, 68%, 73%
CMY	0.7255, 0.3216, 0.2706
CMYK	0.62, 0.07, 0.00, 0.27
HSL	187°, 46%, 50%
HSV	187°, 62%, 73%
XYZ	26.3323, 34.7344, 51.7709
YIQ	143.6850, -65.5610, -17.7930

Conversions

Conversions Part 2

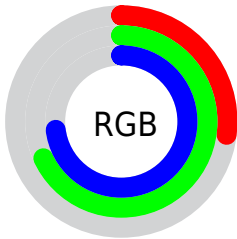
Format	Color
RYB	70, 125, 186
Decimal	4631994
CIELab	65.54, -25.52, -15.51
CIELCh	66, 29.864, 211.294
Yxy	34.7344, 0.2334, 0.3078
Android (android.graphics.Color)	4282822074 (0xFF46ADBA)
YUV	143.6850, 20.8613, -64.6217
Hunter-Lab	58.9359, -23.3849, -10.8268

Details

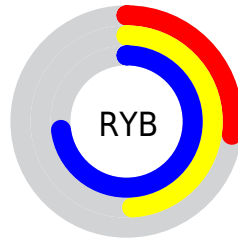
The Hex color **46ADBA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA5346**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **82E5F2**, and **007885** is the 20% darker color. If you saturate the color by 10%, you get **33ABBA**, and if you desaturate by 10%, it is **59AFBA**.

Distribution



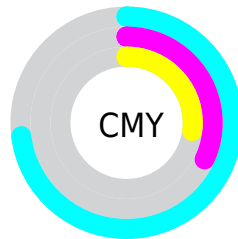
- Red (27%)
- Green (68%)
- Blue (73%)



- Red (27%)
- Yellow (49%)
- Blue (73%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46ADBA 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 46ADBA by changing the saturation by 10% instead.

 46ADBA

 46ADBA

FFFFFF

 21929F

 82E5F2

 007885

 A0FFFF

 005F6C

 BDFFFF

 004753

 DBFFFF

 00303C

 F9FFFF

 001D26

 000111

 000000

 46ADBA

 46ADBA

■ 33ABBA

■ 59AFBA

■ 21A9BA

■ 6BB1BA

■ 0EA7BA

■ 7EB3BA

■ 00A5BA

■ 90B5BA

■ A3B7BA

■ B6BABA

■ C8BCBA

■ DBBEBA

■ EDC0BA

Harmonies

Analogous

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



57AE9F



46ADBA



57A9CD

Triad

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



46ADBA



C28FB9



B19E6A

Complementary

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



46ADBA



BA5346

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.



C79571



46ADBA



D28B9F

Square

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



46ADBA



A498CD



D38D85



94A671

Rectangle

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



46ADBA



70A4D4



D38D85



B99B6A

Sweetspot

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



46ADBA



C4EDF2



46BA52



5E777A



FAFAFA



7A7A7A

Same Dimension

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



46ADBA



3DDEF2



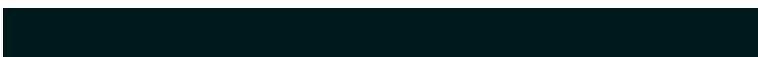
4674BA



535B5C



008A9C



00191C

Inverse Universe

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



BA46AD



F23DDE



BA8C46



5C535B



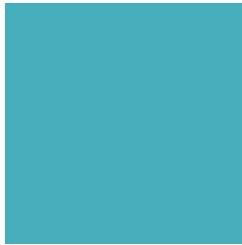
9C008A



1C0019

Previews

White Background



This preview shows how the Hex color 46ADBA looks on a white background.

Color Contrast Check

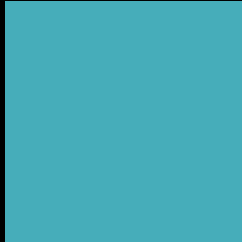
Large Text (above 18pt) WCAG AA × Fail

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 46ADBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

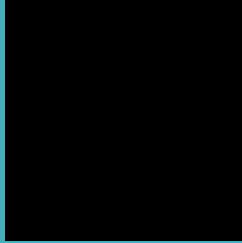
Any Text WCAG AA ✓ Pass

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 46ADBA Background



This preview shows how black text looks on a background with the Hex color 46ADBA.

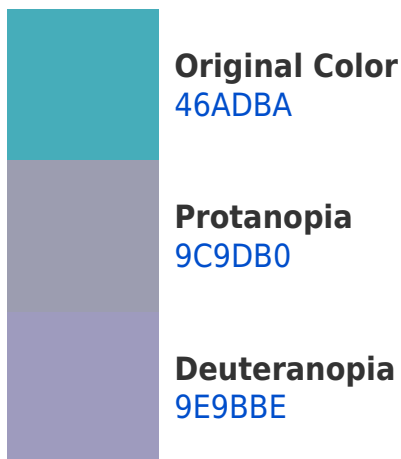


This preview shows how white text looks on a background with the Hex color 46ADBA.

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](#).

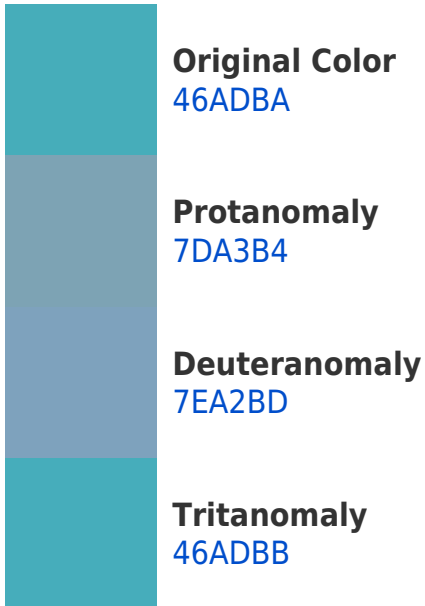
Dichromacy



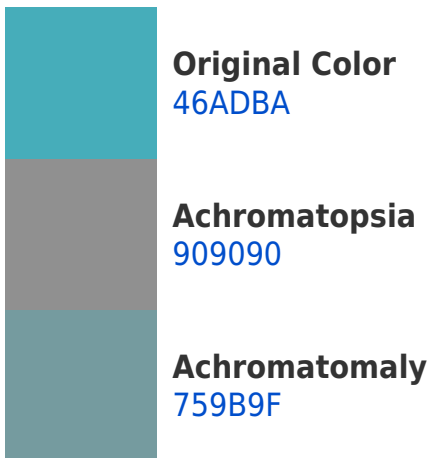


Tritanopia
46ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46ADBA 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 #46ADBA looks like.

```
.text, #text, p{  
    color:#46ADBA  
}
```

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 #46ADBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46ADBA
}
```

Border

The CSS property to change the border of an element to Hex 46ADBA 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
#46ADBA }
```

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

```
.border{ border-color:#46ADBA }
```

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

Here you see how a box with a 4 pixel #46ADBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46ADBA; -webkit-box-shadow:4px 4px  
4px 4px #46ADBA; box-shadow:4px 4px 4px  
4px #46ADBA }
```

Background

The CSS property to change the background color of an element to Hex 46ADBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46ADBA }
```

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

```
.background{ background-color:#46ADBA }
```

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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