

Converting Colors

Hex(46A3B2)

Have a look what the booklet for
Hex(46A3B2) contains.

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Color

Hex(46A3B2)

Conversions

Conversions Part 1

Format	Color
Hex	46A3B2
RGB	70, 163, 178
RGB Percent	27%, 64%, 70%
CMY	0.7255, 0.3608, 0.3020
CMYK	0.61, 0.08, 0.00, 0.30
HSL	188°, 44%, 49%
HSV	188°, 61%, 70%
XYZ	23.6589, 30.7108, 46.8003
YIQ	136.9030, -60.2430, -15.0510

Conversions

Conversions Part 2

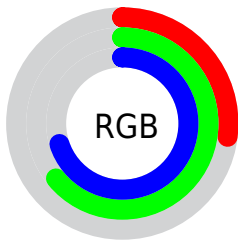
Format	Color
RYB	70, 120, 178
Decimal	4629426
CIELab	62.26, -22.81, -16.00
CIElCh	62, 27.866, 215.043
Yxy	30.7108, 0.2339, 0.3036
Android (android.graphics.Color)	4282819506 (0xFF46A3B2)
YUV	136.9030, 20.2608, -58.6739
Hunter-Lab	55.4174, -20.7749, -11.2786

Details

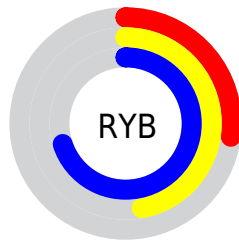
The Hex color **46A3B2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B25546**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **81DAEA**, and **006F7D** is the 20% darker color. If you saturate the color by 10%, you get **34A1B2**, and if you desaturate by 10%, it is **58A5B2**.

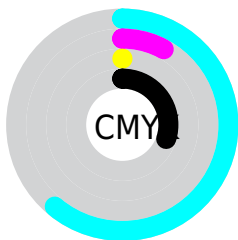
Distribution



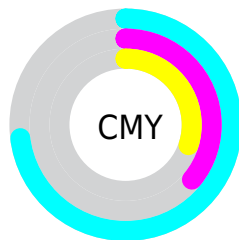
- Red (27%)
- Green (64%)
- Blue (70%)



- Red (27%)
- Yellow (47%)
- Blue (70%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (73%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A3B2 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 46A3B2 by changing the saturation by 10% instead.



46A3B2



46A3B2

FFFFFF



248997



81DAEA



006F7D



9EF7FF



005664



BBFFFF



003F4C



D8FFFF



002836



F6FFFF



001021



000006



000000



46A3B2



46A3B2

■ 34A1B2

■ 58A5B2

■ 229EB2

■ 6AA8B2

■ 119CB2

■ 7BAAB2

■ 0099B2

■ 8DADB2

■ 9FAFB2

■ B1B2B2

■ C3B4B2

■ D4B7B2

■ E6B9B2

Harmonies

Analogous

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



51A49A



46A3B2



599FC3

Triad

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



46A3B2



BA87AC



A49665

Complementary

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



46A3B2



B25546

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.



B98E6A



46A3B2



C78493

Square

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



46A3B2



9F8FBF



C6877B



899E6D

Rectangle

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



46A3B2



709AC7



C6877B



AC9465

Sweetspot

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



46A3B2



BEE2E8



46B254



5B7275



F5F5F5



757575

Same Dimension

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



46A3B2



3FD1E8



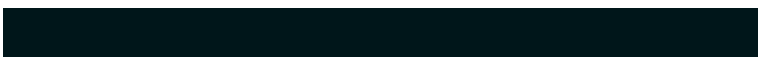
466EB2



505859



008499



00161A

Inverse Universe

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



B246A3



E83FD1



B28A46



595058



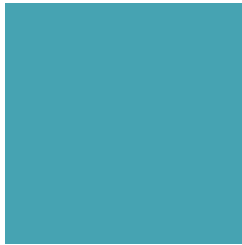
990084



1A0016

Previews

White Background



This preview shows how the Hex color 46A3B2 looks on a white background.

Color Contrast Check

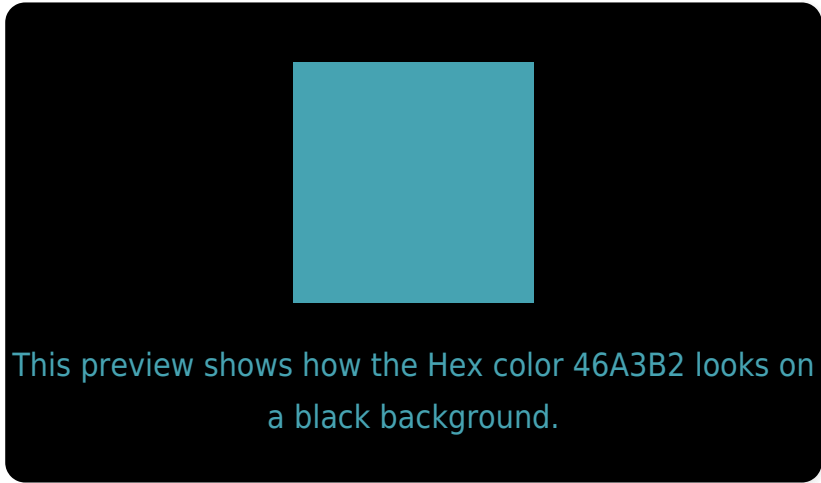
Large Text (above 18pt) WCAG AA × Fail

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

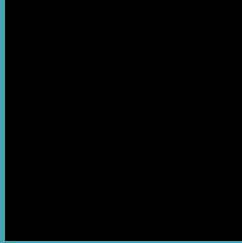
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

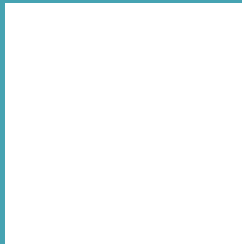
Any Text WCAG AAA ✓ Pass

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

Hex 46A3B2 Background



This preview shows how black text looks on a background with the Hex color 46A3B2.

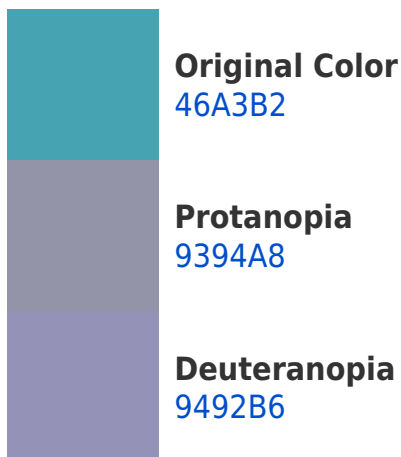


This preview shows how white text looks on a background with the Hex color 46A3B2.

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](#).

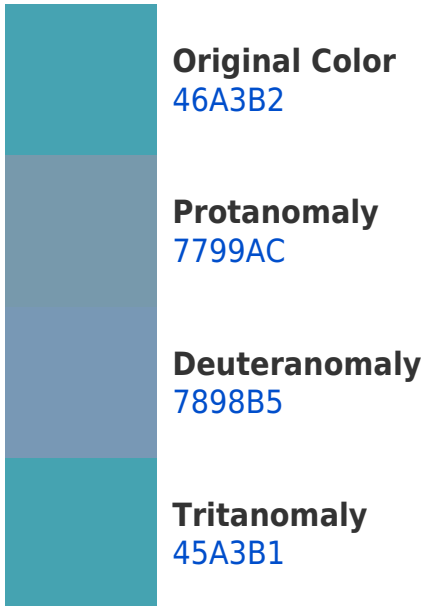
Dichromacy



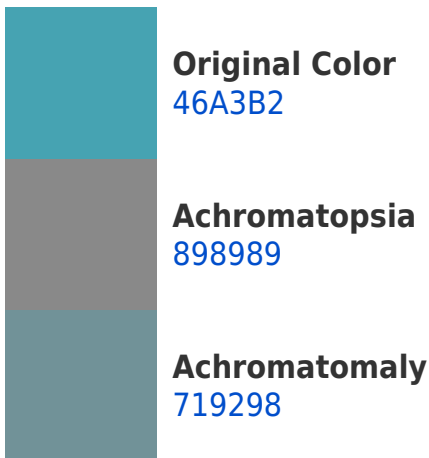


Tritanopia
45A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A3B2 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 #46A3B2 looks like.

```
.text, #text, p{  
    color:#46A3B2  
}
```

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 #46A3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A3B2
}
```

Border

The CSS property to change the border of an element to Hex 46A3B2 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
#46A3B2 }
```

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

```
.border{ border-color:#46A3B2 }
```

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

Here you see how a box with a 4 pixel #46A3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A3B2; -webkit-box-shadow:4px 4px  
4px 4px #46A3B2; box-shadow:4px 4px 4px  
4px #46A3B2 }
```

Background

The CSS property to change the background color of an element to Hex 46A3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A3B2 }
```

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

```
.background{ background-color:#46A3B2 }
```

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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