

Converting Colors

Hex(46A0B5)

Have a look what the booklet for
Hex(46A0B5) contains.

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Color

Hex(46A0B5)

Conversions

Conversions Part 1

Format	Color
Hex	46A0B5
RGB	70, 160, 181
RGB Percent	27%, 63%, 71%
CMY	0.7255, 0.3725, 0.2902
CMYK	0.61, 0.12, 0.00, 0.29
HSL	191°, 44%, 49%
HSV	191°, 61%, 71%
XYZ	23.4371, 29.7799, 48.2289
YIQ	135.4840, -60.3810, -12.5490

Conversions

Conversions Part 2

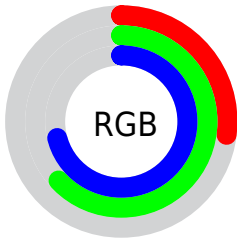
Format	Color
RYB	70, 120, 181
Decimal	4628661
CIELab	61.46, -20.36, -18.90
CIElCh	61, 27.777, 222.872
Yxy	29.7799, 0.2310, 0.2936
Android (android.graphics.Color)	4282818741 (0xFF46A0B5)
YUV	135.4840, 22.4394, -57.4295
Hunter-Lab	54.5710, -18.8372, -14.1998

Details

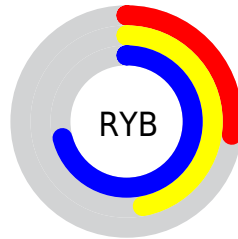
The Hex color **46A0B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B55B46**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **81D7ED**, and **006C80** is the 20% darker color. If you saturate the color by 10%, you get **349DB5**, and if you desaturate by 10%, it is **58A3B5**.

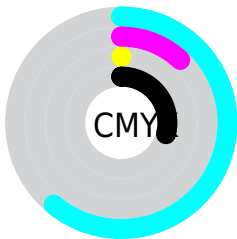
Distribution



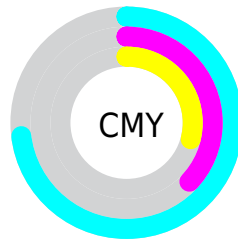
- Red (27%)
- Green (63%)
- Blue (71%)



- Red (27%)
- Yellow (47%)
- Blue (71%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A0B5 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 46A0B5 by changing the saturation by 10% instead.



46A0B5



46A0B5

FFFFFF



23869A



81D7ED



006C80



9EF3FF



005467



BBFFFF



003C4F



D8FFFF



002638



F6FFFF



000C23



00000A



000000



46A0B5



46A0B5

■ 349DB5

■ 58A3B5

■ 2299B5

■ 6AA7B5

■ 1096B5

■ 7CAAB5

■ 0093B5

■ 8EAE B5

■ A1B1B5

■ B3B5B5

■ C5B8B5

■ D7BBB5

■ E9BFB5

Harmonies

Analogous

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



4AA29E



46A0B5



5F9BC3

Triad

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



46A0B5



BC84A3



9B9664

Complementary

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



46A0B5



B55B46

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.



B28E66



46A0B5



C5828B

Square

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



46A0B5



A58AB9



C18674



7F9D70

Rectangle

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



46A0B5



7896C5



C18674



A39463

Sweetspot

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



46A0B5



C0E3EB



46B55A



5B7075



F5F5F5



757575

Same Dimension

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



46A0B5



3DCAEB



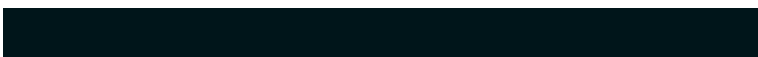
4669B5



505859



007C99



00151A

Inverse Universe

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



B546A0



EB3DCA



B59246



595058



99007C



1A0015

Previews

White Background



This preview shows how the Hex color 46A0B5 looks on a white background.

Color Contrast Check

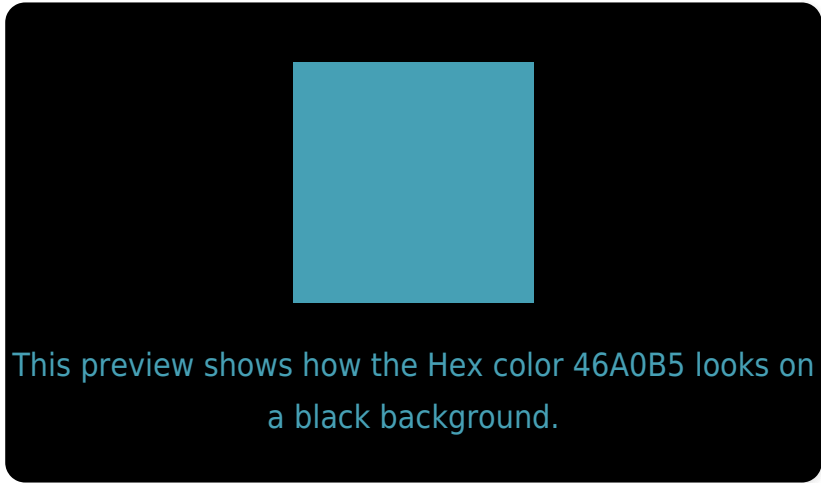
Large Text (above 18pt) WCAG AA ✓ Pass

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

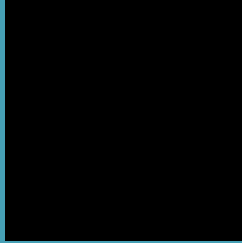
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 46A0B5 Background



This preview shows how black text looks on a background with the Hex color 46A0B5.

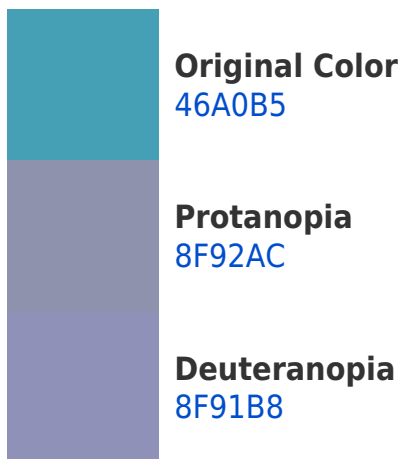


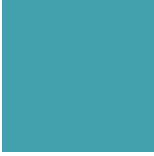
This preview shows how white text looks on a background with the Hex color 46A0B5.

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](#).

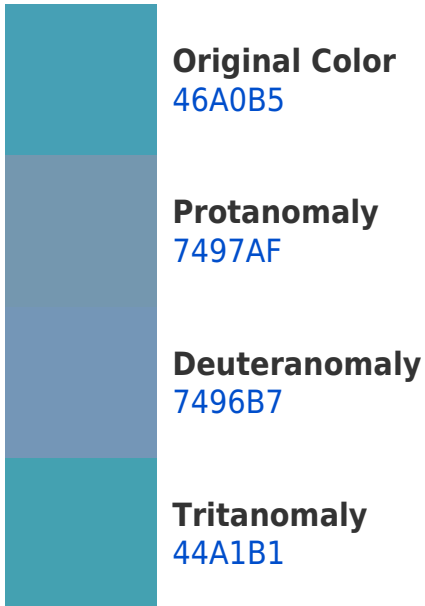
Dichromacy



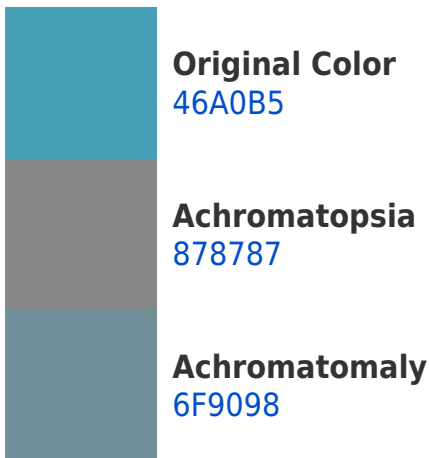


Tritanopia
43A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A0B5 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 #46A0B5 looks like.

```
.text, #text, p{  
    color:#46A0B5  
}
```

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 #46A0B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A0B5
}
```

Border

The CSS property to change the border of an element to Hex 46A0B5 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
#46A0B5 }
```

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

```
.border{ border-color:#46A0B5 }
```

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

Here you see how a box with a 4 pixel #46A0B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A0B5; -webkit-box-shadow:4px 4px  
4px 4px #46A0B5; box-shadow:4px 4px 4px  
4px #46A0B5 }
```

Background

The CSS property to change the background color of an element to Hex 46A0B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A0B5 }
```

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

```
.background{ background-color:#46A0B5 }
```

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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