

Converting Colors

Hex(46A3D7)

Have a look what the booklet for
Hex(46A3D7) contains.

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Color

Hex(46A3D7)

Conversions

Conversions Part 1

Format	Color
Hex	46A3D7
RGB	70, 163, 215
RGB Percent	27%, 64%, 84%
CMY	0.7255, 0.3608, 0.1569
CMYK	0.67, 0.24, 0.00, 0.16
HSL	202°, 64%, 56%
HSV	202°, 67%, 84%
XYZ	27.8887, 32.4028, 69.0744
YIQ	141.1210, -72.1200, -3.5440

Conversions

Conversions Part 2

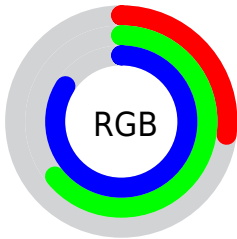
Format	Color
RYB	70, 127, 215
Decimal	4629463
CIELab	63.67, -11.17, -34.48
CIELCh	64, 36.245, 252.046
Yxy	32.4028, 0.2156, 0.2505
Android (android.graphics.Color)	4282819543 (0xFF46A3D7)
YUV	141.1210, 36.4223, -62.3731
Hunter-Lab	56.9234, -12.1628, -32.0998

Details

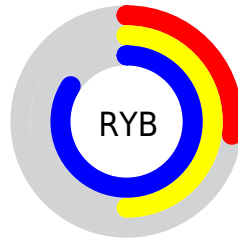
The Hex color **46A3D7** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D77A46**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **85DAFF**, and **006FA0** is the 20% darker color. If you saturate the color by 10%, you get **319BD7**, and if you desaturate by 10%, it is **5CABD7**.

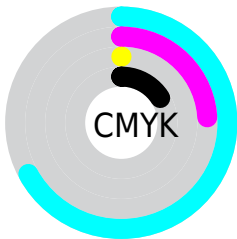
Distribution



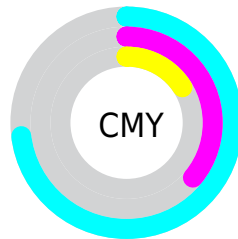
- Red (27%)
- Green (64%)
- Blue (84%)



- Red (27%)
- Yellow (50%)
- Blue (84%)



- Cyan (67%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (73%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A3D7 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 46A3D7 by changing the saturation by 10% instead.

■ 46A3D7

■ 46A3D7

FFFFFF

■ 1C89BB

■ 85DAFF

■ 006FA0

■ A3F6FF

■ 005786

■ C1FFFF

■ 00406C

■ DFFFFF

■ 002A54

■ FDFFFF

■ 00173C

■ 000226

■ 00010F

■ 000000

■ 46A3D7

■ 46A3D7

■ 319BD7

■ 5CABD7

■ 1B94D7

■ 71B2D7

■ 058CD7

■ 87BAD7

■ 008AD7

■ 9CC2D7

■ B2CAD7

■ C7D1D7

■ DDD9D7

■ F2E1D7

■ FFE8D7

Harmonies

Analogous

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



00A9C4



46A3D7



8099D9

Triad

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



46A3D7



D9818E



7FA569

Complementary

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



46A3D7



D77A46

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.



A29C5A



46A3D7



D48770

Square

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



46A3D7



CD83AF



C0925D



56AA85

Rectangle

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



46A3D7



A191D1



C0925D



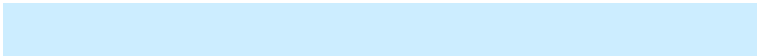
8BA262

Sweetspot

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



46A3D7



CCEDFF



46D779



617580



000000



808080

Same Dimension

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



46A3D7



30B5FF



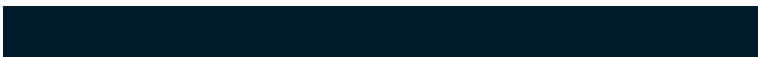
465CD7



60676B



006EAB



001C2B

Inverse Universe

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



D746A3



FF30B5



D7C146



6B6067



AB006E



2B001C

Previews

White Background



This preview shows how the Hex color 46A3D7 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 46A3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

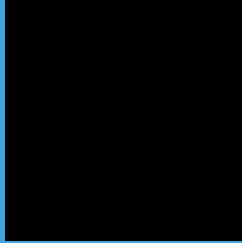
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

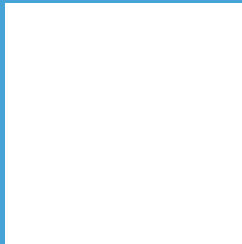
Any Text WCAG AAA ✓ Pass

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

Hex 46A3D7 Background



This preview shows how black text looks on a background with the Hex color 46A3D7.

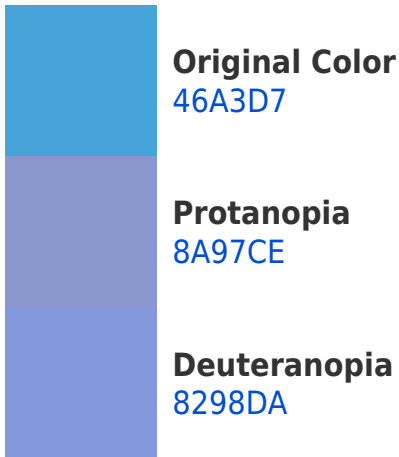


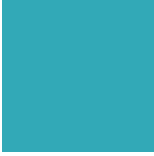
This preview shows how white text looks on a background with the Hex color 46A3D7.

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](#).

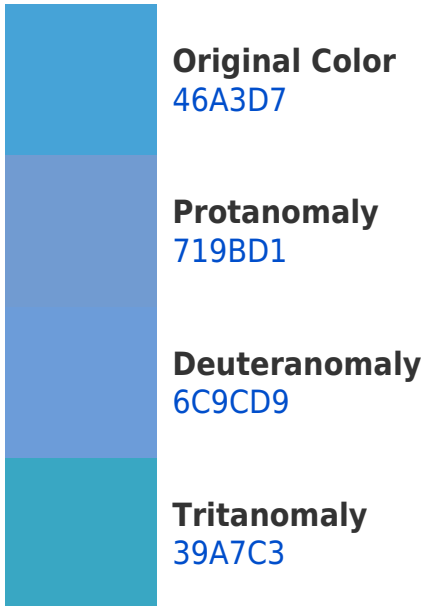
Dichromacy



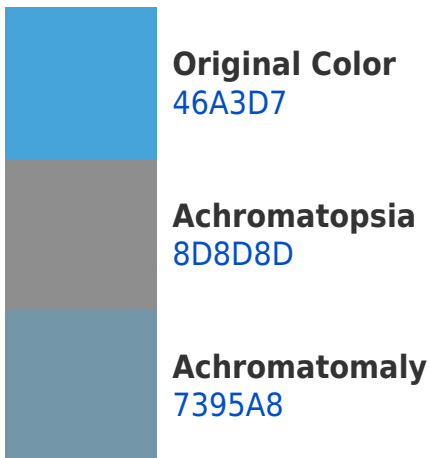


Tritanopia
32A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A3D7 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 #46A3D7 looks like.

```
.text, #text, p{  
    color:#46A3D7  
}
```

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 #46A3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A3D7  
}
```

Border

The CSS property to change the border of an element to Hex 46A3D7 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  
#46A3D7 }
```

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

```
.border{ border-color:#46A3D7 }
```

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

Here you see how a box with a 4 pixel #46A3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A3D7; -webkit-box-shadow:4px 4px  
4px 4px #46A3D7; box-shadow:4px 4px 4px  
4px #46A3D7 }
```

Background

The CSS property to change the background color of an element to Hex 46A3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A3D7 }
```

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

```
.background{ background-color:#46A3D7 }
```

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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