

Converting Colors

Hex(46AED1)

Have a look what the booklet for
Hex(46AED1) contains.

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Color

Hex(46AED1)

Conversions

Conversions Part 1

Format	Color
Hex	46AED1
RGB	70, 174, 209
RGB Percent	27%, 68%, 82%
CMY	0.7255, 0.3176, 0.1804
CMYK	0.67, 0.17, 0.00, 0.18
HSL	195°, 60%, 55%
HSV	195°, 67%, 82%
XYZ	29.1705, 36.1776, 65.7671
YIQ	146.8940, -73.2190, -11.1630

Conversions

Conversions Part 2

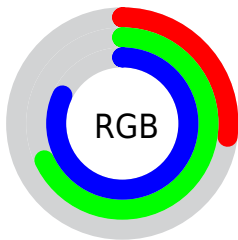
Format	Color
RYB	70, 129, 209
Decimal	4632273
CIELab	66.66, -19.01, -26.55
CIElCh	67, 32.655, 234.402
Yxy	36.1776, 0.2225, 0.2759
Android (android.graphics.Color)	4282822353 (0xFF46AED1)
YUV	146.8940, 30.6183, -67.4360
Hunter-Lab	60.1479, -18.6899, -22.7256

Details

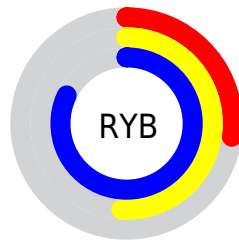
The Hex color **46AED1** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **D16946**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85E6FF**, and **00799A** is the 20% darker color. If you saturate the color by 10%, you get **31A9D1**, and if you desaturate by 10%, it is **5BB3D1**.

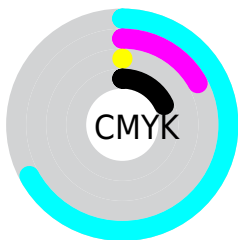
Distribution



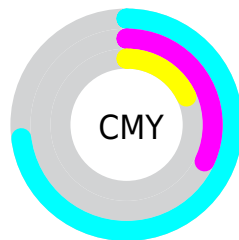
- Red (27%)
- Green (68%)
- Blue (82%)



- Red (27%)
- Yellow (51%)
- Blue (82%)



- Cyan (67%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (73%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46AED1 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 46AED1 by changing the saturation by 10% instead.

46AED1

46AED1

FFFFFF

1D93B5

85E6FF

00799A

A3FFFF

006180

C0FFFF

004967

DFFFFF

00324F

FDFFFF

001E38

000222

000009

000000

■ 46AED1

■ 46AED1

■ 31A9D1

■ 5BB3D1

■ 1CA3D1

■ 70B9D1

■ 079ED1

■ 85BED1

■ 009CD1

■ 9AC3D1

■ AFC8D1

■ C3CED1

■ D8D3D1

■ EDD8D1

■ FFDDD1

Harmonies

Analogous

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



3BB2B9



46AED1



71A7DC

Triad

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



46AED1



D78CA9



9DA86C

Complementary

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



46AED1



D16946

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.



BB9E68



46AED1



DC8D8B

Square

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



46AED1



C292C5



D19473



7BAE7F

Rectangle

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



46AED1



90A0DB



D19473



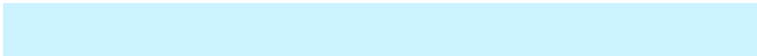
A8A569

Sweetspot

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



46AED1



CCF2FF



46D169



617880



000000



808080

Same Dimension

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



46AED1



33CCFF



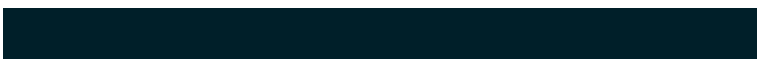
4669D1



5E6669



007EA8



001F29

Inverse Universe

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



D146AE



FF33CC



D1AE46



695E66



A8007E



29001F

Previews

White Background



This preview shows how the Hex color 46AED1 looks on a white background.

Color Contrast Check

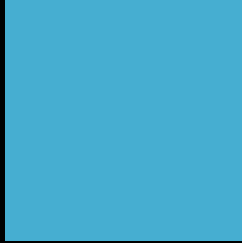
Large Text (above 18pt) WCAG AA × Fail

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 46AED1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

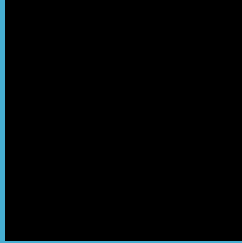
Any Text WCAG AA ✓ Pass

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 46AED1 Background



This preview shows how black text looks on a background with the Hex color 46AED1.

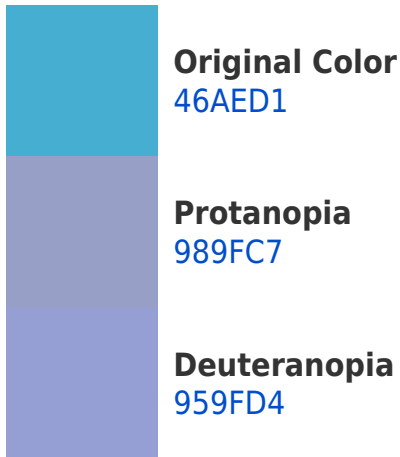


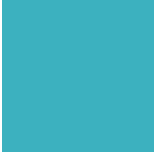
This preview shows how white text looks on a background with the Hex color 46AED1.

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](#).

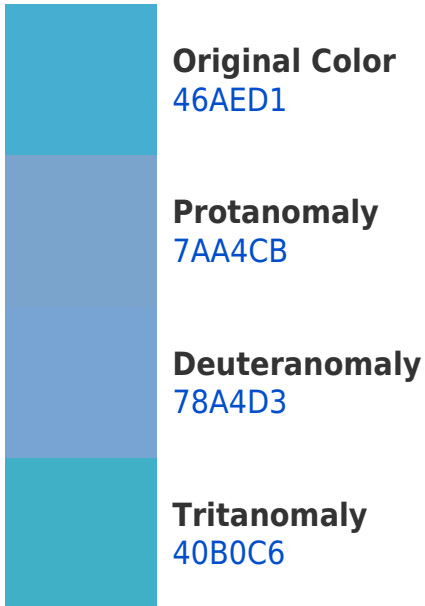
Dichromacy



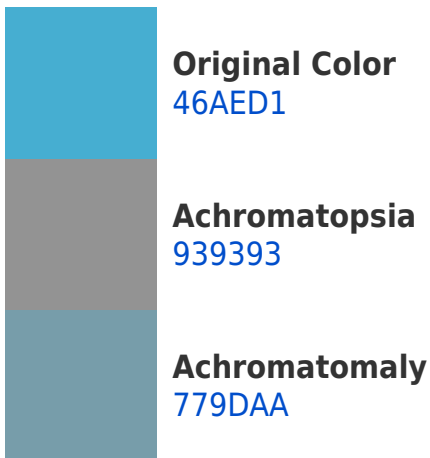


Tritanopia
3CB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46AED1 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 #46AED1 looks like.

```
.text, #text, p{  
    color:#46AED1  
}
```

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 #46AED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46AED1
}
```

Border

The CSS property to change the border of an element to Hex 46AED1 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
#46AED1 }
```

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

```
.border{ border-color:#46AED1 }
```

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

Here you see how a box with a 4 pixel #46AED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46AED1; -webkit-box-shadow:4px 4px  
4px 4px #46AED1; box-shadow:4px 4px 4px  
4px #46AED1 }
```

Background

The CSS property to change the background color of an element to Hex 46AED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46AED1 }
```

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

```
.background{ background-color:#46AED1 }
```

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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