

Converting Colors

Hex(46A6E0)

Have a look what the booklet for
Hex(46A6E0) contains.

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Color

Hex(46A6E0)

Conversions

Conversions Part 1

Format	Color
Hex	46A6E0
RGB	70, 166, 224
RGB Percent	27%, 65%, 88%
CMY	0.7255, 0.3490, 0.1216
CMYK	0.69, 0.26, 0.00, 0.12
HSL	203°, 71%, 58%
HSV	203°, 69%, 88%
XYZ	29.6166, 33.9563, 75.5143
YIQ	143.9080, -75.8340, -2.3140

Conversions

Conversions Part 2

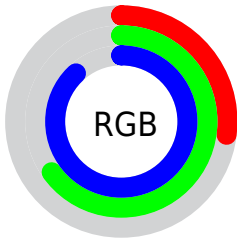
Format	Color
RYB	70, 129, 224
Decimal	4630240
CIELab	64.93, -9.85, -37.50
CIELCh	65, 38.774, 255.281
Yxy	33.9563, 0.2129, 0.2441
Android (android.graphics.Color)	4282820320 (0xFF46A6E0)
YUV	143.9080, 39.4854, -64.8173
Hunter-Lab	58.2721, -11.2542, -36.0430

Details

The Hex color **46A6E0** 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 **E08046**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **86DDFF**, and **0072A8** is the 20% darker color. If you saturate the color by 10%, you get **309EE0**, and if you desaturate by 10%, it is **5CAEE0**.

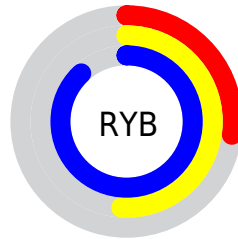
Distribution



Red (27%)

Green (65%)

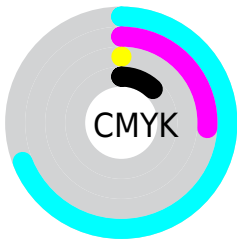
Blue (88%)



Red (27%)

Yellow (51%)

Blue (88%)

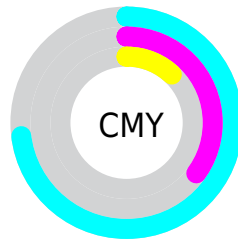


Cyan (69%)

Magenta (26%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A6E0 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 46A6E0 by changing the saturation by 10% instead.

 46A6E0

 46A6E0

FFFFFF

 198CC4

 86DDFF

 0072A8

 A5F9FF

 005A8E

 C3FFFF

 004374

 E1FFFF

 002D5B

 001943

 00032D

 000117

 000000

■ 46A6E0

■ 46A6E0

■ 309EE0

■ 5CAEE0

■ 1995E0

■ 73B7E0

■ 038DE0

■ 89BFE0

■ 008CE0

■ A0C8E0

■ B6D0E0

■ CCD9E0

■ E3E1E0

■ F9E9E0

■ FFF2E0

Harmonies

Analogous

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



00ADCE



46A6E0



879BE0

Triad

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



46A6E0



E1828D



7BAA6B

Complementary

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



46A6E0



E08046

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.



A2A159



46A6E0



D98A6E

Square

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



46A6E0



D684B0



C3965A



4DAF8B

Rectangle

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



46A6E0



A992D6



C3965A



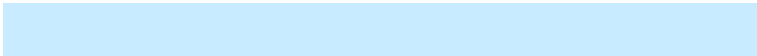
89A763

Sweetspot

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



46A6E0



C9EBFF



46E07E



607380



000000



808080

Same Dimension

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



46A6E0



2BAFFF



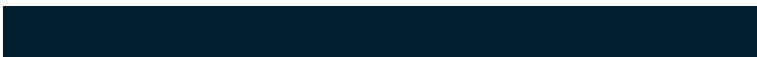
465BE0



656C70



006EB0



001E30

Inverse Universe

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



E046A6



FF2BAF



E0CB46



70656C



B0006E



30001E

Previews

White Background



This preview shows how the Hex color 46A6E0 looks on a white background.

Color Contrast Check

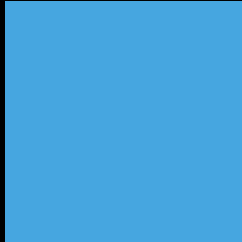
Large Text (above 18pt) WCAG AA × Fail

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 46A6E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

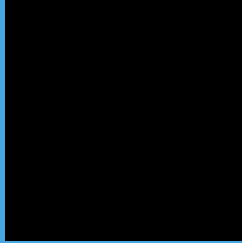
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

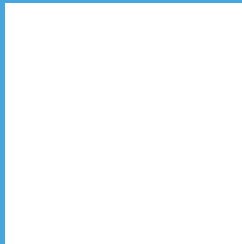
Any Text WCAG AAA ✓ Pass

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

Hex 46A6E0 Background



This preview shows how black text looks on a background with the Hex color 46A6E0.

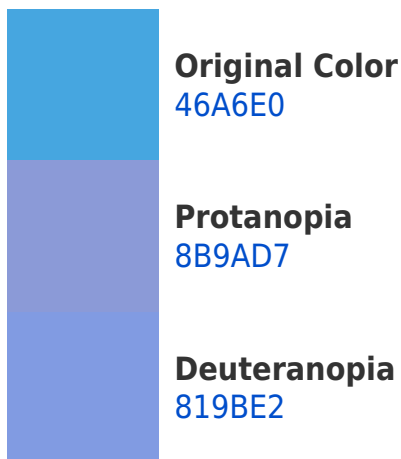


This preview shows how white text looks on a background with the Hex color 46A6E0.

Color Blindness Simulation

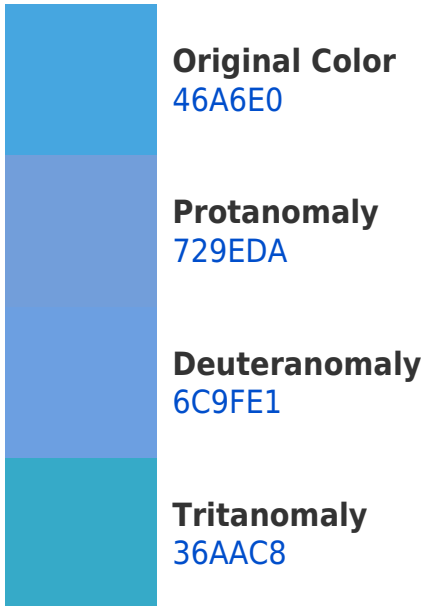
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

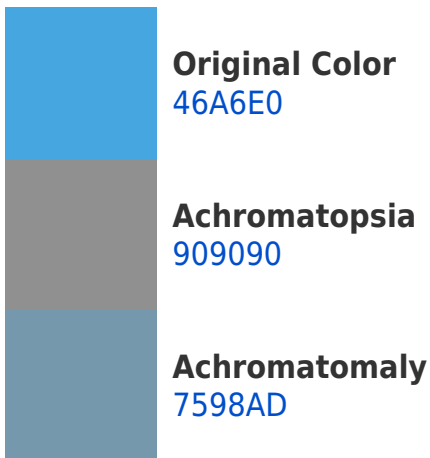




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A6E0 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 #46A6E0 looks like.

```
.text, #text, p{  
    color:#46A6E0  
}
```

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 #46A6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A6E0
}
```

Border

The CSS property to change the border of an element to Hex 46A6E0 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
#46A6E0 }
```

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

```
.border{ border-color:#46A6E0 }
```

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

Here you see how a box with a 4 pixel #46A6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A6E0; -webkit-box-shadow:4px 4px  
4px 4px #46A6E0; box-shadow:4px 4px 4px  
4px #46A6E0 }
```

Background

The CSS property to change the background color of an element to Hex 46A6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A6E0 }
```

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

```
.background{ background-color:#46A6E0 }
```

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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