

Converting Colors

Hex(76A4E1)

Have a look what the booklet for
Hex(76A4E1) contains.

Hex(76A4E1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76A4E1)

Conversions

Conversions Part 1

Format	Color
Hex	76A4E1
RGB	118, 164, 225
RGB Percent	46%, 64%, 88%
CMY	0.5373, 0.3569, 0.1176
CMYK	0.48, 0.27, 0.00, 0.12
HSL	214°, 64%, 67%
HSV	214°, 48%, 88%
XYZ	34.3373, 35.8387, 76.3420
YIQ	157.2000, -46.9970, 9.2190

Conversions

Conversions Part 2

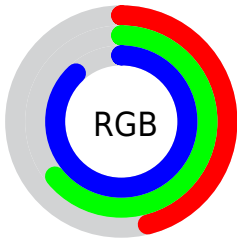
Format	Color
R _Y B	118, 150, 225
Decimal	7775457
CIE Lab	66.40, 0.95, -35.61
CIE LCh	66, 35.627, 271.526
Yxy	35.8387, 0.2344, 0.2446
Android (android.graphics.Color)	4285965537 (0xFF76A4E1)
YUV	157.2000, 33.4254, -34.3784
Hunter-Lab	59.8654, -2.3815, -33.7023

Details

The Hex color **76A4E1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E1B376**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AFDBFF**, and **3D71A9** is the 20% darker color. If you saturate the color by 10%, you get **6097E1**, and if you desaturate by 10%, it is **8DB1E1**.

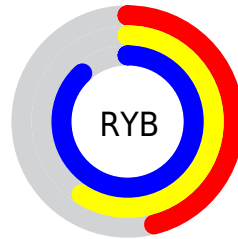
Distribution



Red (46%)

Green (64%)

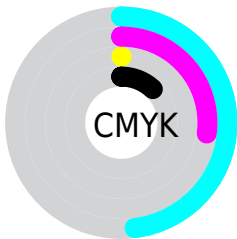
Blue (88%)



Red (46%)

Yellow (59%)

Blue (88%)

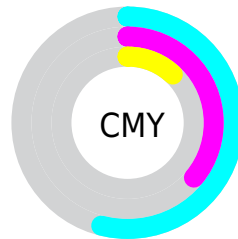


Cyan (48%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (54%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A4E1 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 76A4E1 by changing the saturation by 10% instead.

■ 76A4E1

■ 76A4E1

FFFFFF

■ 5A8AC5

■ AFD8FF

■ 3D71A9

■ CCF7FF

■ 1A588F

■ E9FFFF

■ 004175

■ 002C5C

■ 001744

■ 00032D

■ 000118

■ 000000

■ 76A4E1

■ 76A4E1

■ 6097E1

■ 8DB1E1

■ 498AE1

■ A3BEE1

■ 337EE1

■ BACAE1

■ 1C71E1

■ D0D7E1

■ 0664E1

■ E7E4E1

■ 0061E1

■ FDF1E1

■ FFFEE1

■ FFFFE1

Harmonies

Analogous

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



3EADD9



76A4E1



A799D8

Triad

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



76A4E1



DE8C82



6DB082

Complementary

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



76A4E1



E1B376

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.



93A96A



76A4E1



CF956A

Square

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



76A4E1



DE89A1



B5A061



42B3A2

Rectangle

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



76A4E1



C191CA



B5A061



7AAE79

Sweetspot

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



76A4E1



DBEBFF



76E1B3



6A7380



000000



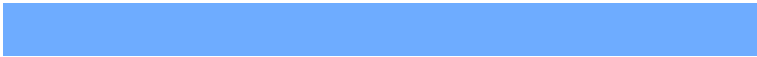
808080

Same Dimension

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



76A4E1



6EACFF



7D76E1



656A70



004CB0



001530

Inverse Universe

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



E176A4



FF6EAC



DAE176



70656A



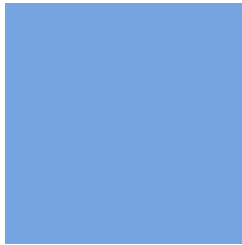
B0004C



300015

Previews

White Background



This preview shows how the Hex color 76A4E1 looks on a white background.

Color Contrast Check

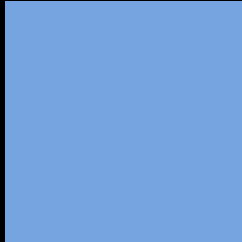
Large Text (above 18pt) WCAG AA × Fail

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 76A4E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

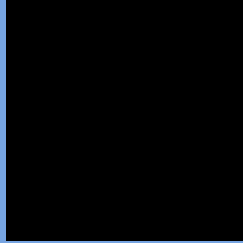
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

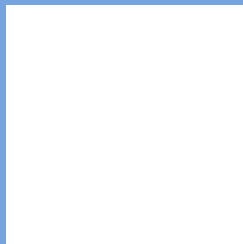
Any Text WCAG AAA ✓ Pass

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

Hex 76A4E1 Background



This preview shows how black text looks on a background with the Hex color 76A4E1.

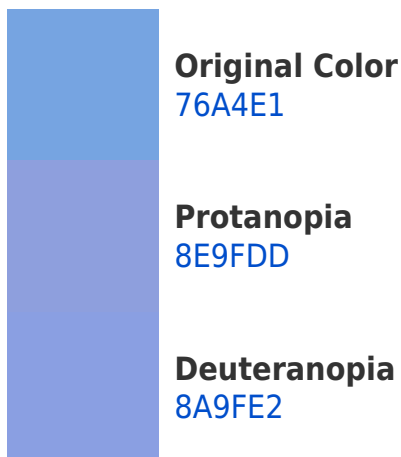


This preview shows how white text looks on a background with the Hex color 76A4E1.

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](#).

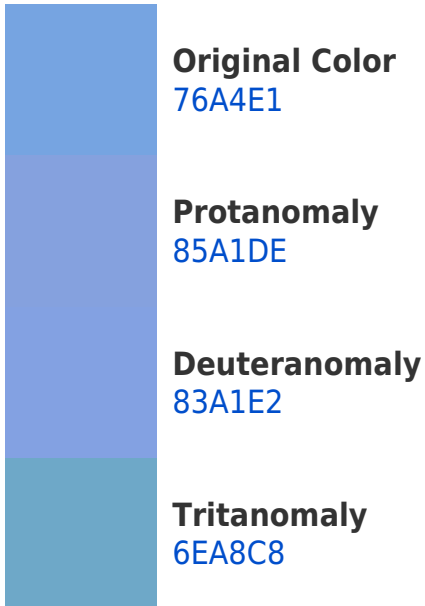
Dichromacy



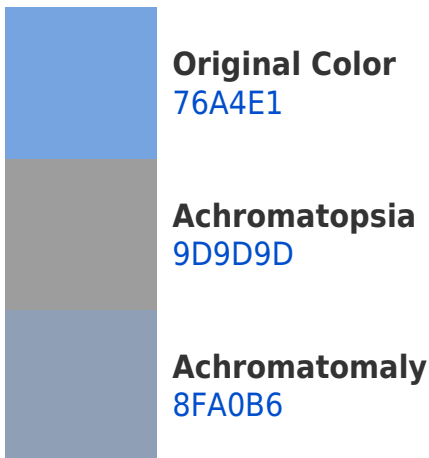


Tritanopia
6AABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A4E1 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 #76A4E1 looks like.

```
.text, #text, p{  
    color:#76A4E1  
}
```

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 #76A4E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A4E1
}
```

Border

The CSS property to change the border of an element to Hex 76A4E1 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
#76A4E1 }
```

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

```
.border{ border-color:#76A4E1 }
```

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

Here you see how a box with a 4 pixel #76A4E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A4E1; -webkit-box-shadow:4px 4px  
4px 4px #76A4E1; box-shadow:4px 4px 4px  
4px #76A4E1 }
```

Background

The CSS property to change the background color of an element to Hex 76A4E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A4E1 }
```

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

```
.background{ background-color:#76A4E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor