

Converting Colors

Hex(7EA6DC)

Have a look what the booklet for
Hex(7EA6DC) contains.

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Color

Hex(7EA6DC)

Conversions

Conversions Part 1

Format	Color
Hex	7EA6DC
RGB	126, 166, 220
RGB Percent	49%, 65%, 86%
CMY	0.5059, 0.3490, 0.1373
CMYK	0.43, 0.25, 0.00, 0.14
HSL	214°, 57%, 68%
HSV	214°, 43%, 86%
XYZ	35.1587, 36.8754, 72.9747
YIQ	160.1960, -41.1740, 8.3140

Conversions

Conversions Part 2

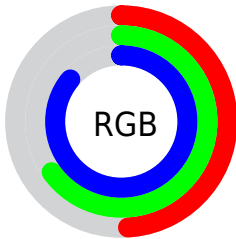
Format	Color
RYB	126, 154, 220
Decimal	8300252
CIELab	67.18, 0.37, -31.61
CIELCh	67, 31.608, 270.678
Yxy	36.8754, 0.2425, 0.2543
Android (android.graphics.Color)	4286490332 (0xFF7EA6DC)
YUV	160.1960, 29.4834, -29.9899
Hunter-Lab	60.7251, -2.9208, -28.7426

Details

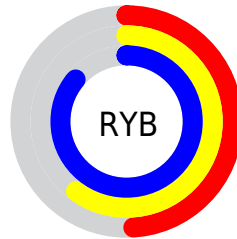
The Hex color **7EA6DC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCB47E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B6DDFF**, and **4772A5** is the 20% darker color. If you saturate the color by 10%, you get **6899DC**, and if you desaturate by 10%, it is **94B3DC**.

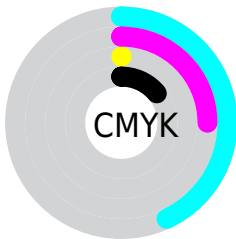
Distribution



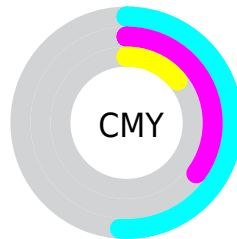
- Red (49%)
- Green (65%)
- Blue (86%)



- Red (49%)
- Yellow (60%)
- Blue (86%)



- Cyan (43%)
- Magenta (25%)
- Yellow (0%)
- Black (14%)



- Cyan (51%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EA6DC 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 7EA6DC by changing the saturation by 10% instead.

 7EA6DC

 7EA6DC

FFFFFF

 638CC0

 B6DDFF

 4772A5

 D3F9FF

 2A5A8A

 F0FFFF

 004371

 002D58

 001940

 00032A

 000114

 000000

 7EA6DC

 7EA6DC

 6899DC

 94B3DC

 528DDC

 AABFDC

 3C80DC

 C0CCDC

 2673DC

 D6D9DC

 1067DC

 ECE5DC

 005EDC

 FFF2DC

 FFFEDC

 FFFFDC

Harmonies

Analogous

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



54AED4



7EA6DC



A89CD4

Triad

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



7EA6DC



DB9088



77B087

Complementary

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



7EA6DC



DCB47E

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.



98AB72



7EA6DC



CE9873

Square

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



7EA6DC



DA8EA4



B6A26A



56B3A3

Rectangle

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



7EA6DC



BF95C8



B6A26A



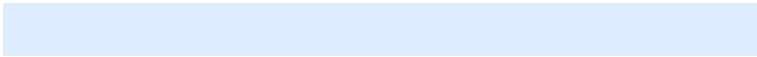
82AF7F

Sweetspot

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



7EA6DC



DEECFF



7EDCB3



6B7480



000000



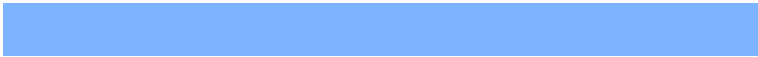
808080

Same Dimension

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



7EA6DC



7DB4FF



847EDC



63676E



004AAD



00142E

Inverse Universe

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



DC7EA6



FF7DB4



D6DC7E



6E6367



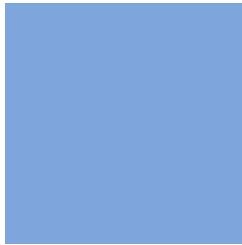
AD004A



2E0014

Previews

White Background



This preview shows how the Hex color 7EA6DC looks on a white background.

Color Contrast Check

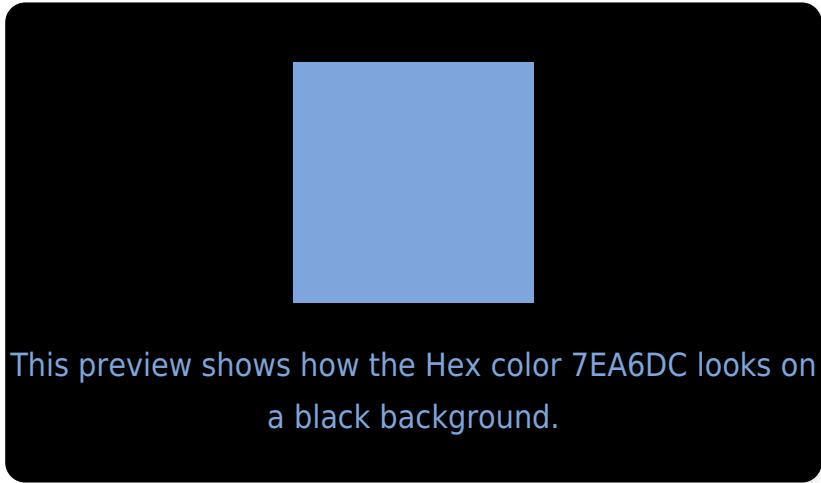
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

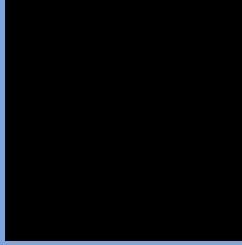
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

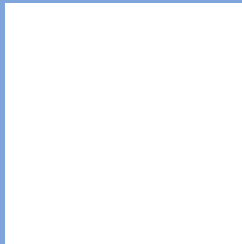
Any Text WCAG AAA ✓ Pass

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

Hex 7EA6DC Background



This preview shows how black text looks on a background with the Hex color 7EA6DC.



This preview shows how white text looks on a background with the Hex color 7EA6DC.

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

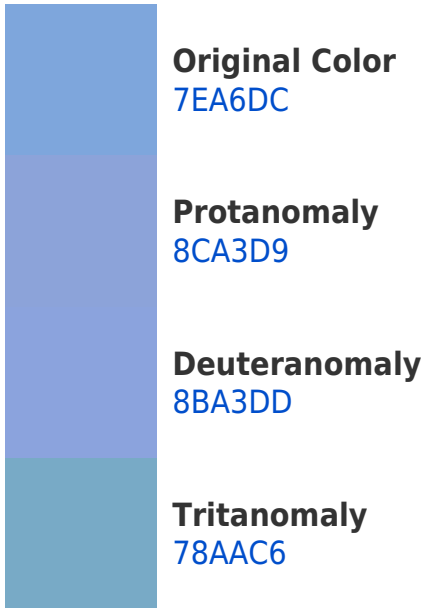


Original Color
7EA6DC

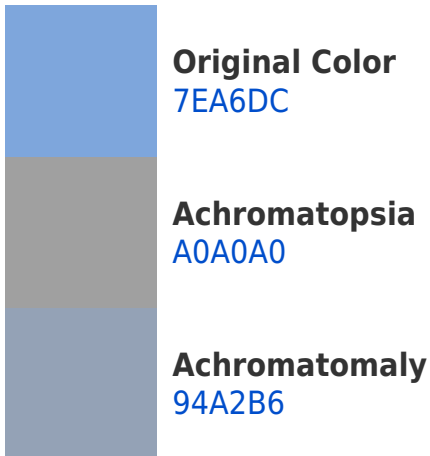
Protanopia
94A1D8

Deuteranopia
92A1DD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EA6DC 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 #7EA6DC looks like.

```
.text, #text, p{  
    color:#7EA6DC  
}
```

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 #7EA6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA6DC  
}
```

Border

The CSS property to change the border of an element to Hex 7EA6DC 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  
#7EA6DC }
```

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

```
.border{ border-color:#7EA6DC }
```

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

Here you see how a box with a 4 pixel #7EA6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA6DC; -webkit-box-shadow:4px 4px  
4px 4px #7EA6DC; box-shadow:4px 4px 4px  
4px #7EA6DC }
```

Background

The CSS property to change the background color of an element to Hex 7EA6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA6DC }
```

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

```
.background{ background-color:#7EA6DC }
```

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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