

Converting Colors

Hex(7EADD2)

Have a look what the booklet for
Hex(7EADD2) contains.

Hex(7EADD2)	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(7EADD2)

Conversions

Conversions Part 1

Format	Color
Hex	7EADD2
RGB	126, 173, 210
RGB Percent	49%, 68%, 82%
CMY	0.5059, 0.3216, 0.1765
CMYK	0.40, 0.18, 0.00, 0.18
HSL	206°, 48%, 66%
HSV	206°, 40%, 82%
XYZ	35.1806, 38.9759, 66.6417
YIQ	163.1650, -39.8890, 1.5430

Conversions

Conversions Part 2

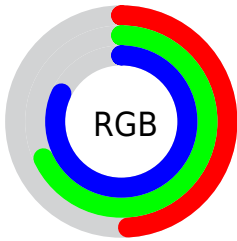
Format	Color
RYB	126, 156, 210
Decimal	8302034
CIELab	68.73, -6.23, -23.72
CIELCh	69, 24.521, 255.271
Yxy	38.9759, 0.2499, 0.2768
Android (android.graphics.Color)	4286492114 (0xFF7EADD2)
YUV	163.1650, 23.0897, -32.5937
Hunter-Lab	62.4307, -8.6663, -19.5876

Details

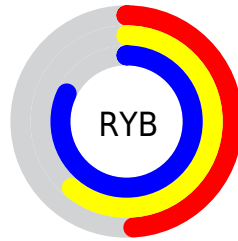
The Hex color **7EADD2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D2A37E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B5E4FF**, and **48799B** is the 20% darker color. If you saturate the color by 10%, you get **69A4D2**, and if you desaturate by 10%, it is **93B6D2**.

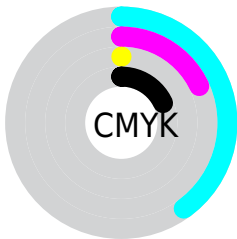
Distribution



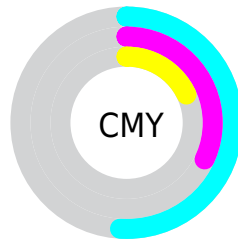
- Red (49%)
- Green (68%)
- Blue (82%)



- Red (49%)
- Yellow (61%)
- Blue (82%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EADD2 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 7EADD2 by changing the saturation by 10% instead.

■ 7EADD2

■ 7EADD2

FFFFFF

■ 6392B6

■ B5E4FF

■ 48799B

■ D2FFFF

■ 2C6081

■ EFFFFFF

■ 084868

■ 003250

■ 001D39

■ 000223

■ 00000A

■ 000000

■ 7EADD2

■ 7EADD2

■ 69A4D2

■ 93B6D2

■ 549BD2

■ A8C0D2

■ 3F91D2

■ BDC9D2

■ 2A88D2

■ D2D2D2

■ 157FD2

■ E7DBD2

■ 0076D2

■ FCE4D2

■ FFEED2

■ FFF7D2

■ FFFF2

Harmonies

Analogous

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



69B2C6



7EADD2



9CA6D2

Triad

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



7EADD2



D5989D



93B088

Complementary

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



7EADD2



D2A37E

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.



ACAA7D



7EADD2



D19C89

Square

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



7EADD2



CD99B4



C2A37D



7BB39C

Rectangle

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



7EADD2



B0A1CC



C2A37D



9CAE83

Sweetspot

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



7EADD2



E0F2FF



7ED2A2



6E7880



000000



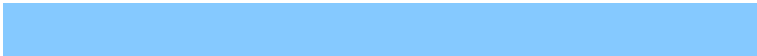
808080

Same Dimension

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



7EADD2



85C9FF



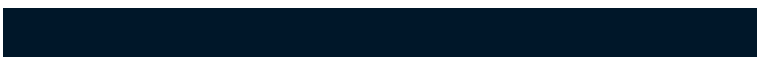
7E84D2



5E6469



005EA8



001729

Inverse Universe

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



D27EAD



FF85C9



D2CC7E



695E64



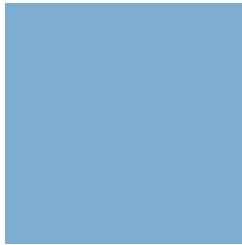
A8005E



290017

Previews

White Background



This preview shows how the Hex color 7EADD2 looks on a white background.

Color Contrast Check

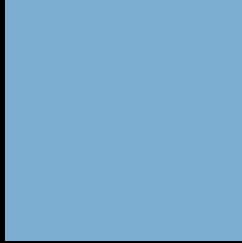
Large Text (above 18pt) WCAG AA × Fail

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 7EADD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

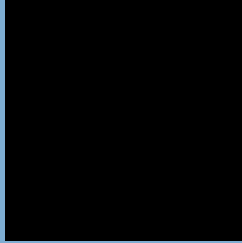
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

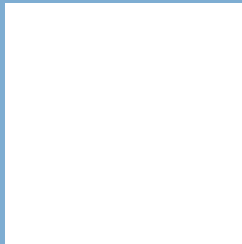
Any Text WCAG AAA ✓ Pass

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

Hex 7EADD2 Background



This preview shows how black text looks on a background with the Hex color 7EADD2.

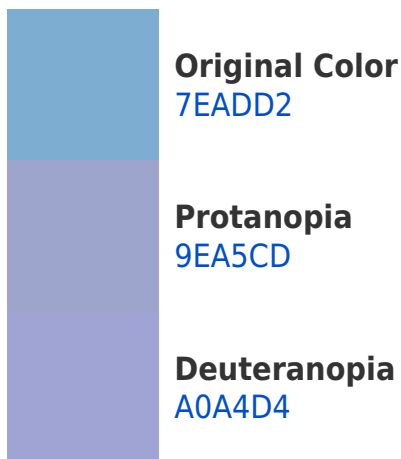


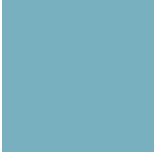
This preview shows how white text looks on a background with the Hex color 7EADD2.

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](#).

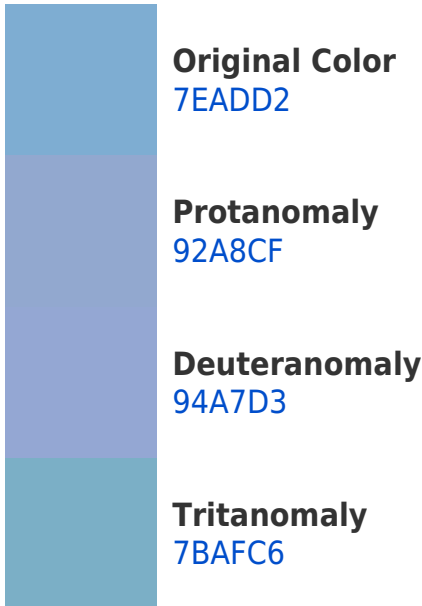
Dichromacy



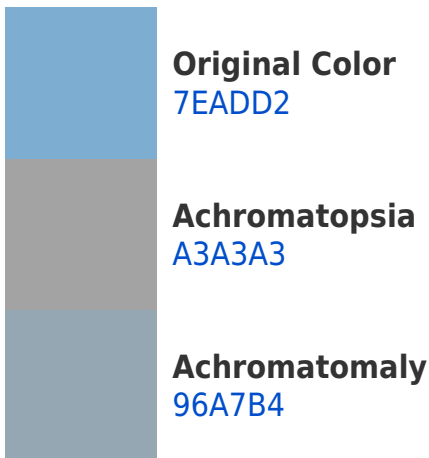


Tritanopia
79B0BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EADD2 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 #7EADD2 looks like.

```
.text, #text, p{  
    color:#7EADD2  
}
```

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 #7EADD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EADD2
}
```

Border

The CSS property to change the border of an element to Hex 7EADD2 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
#7EADD2 }
```

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

```
.border{ border-color:#7EADD2 }
```

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

Here you see how a box with a 4 pixel #7EADD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EADD2; -webkit-box-shadow:4px 4px  
4px 4px #7EADD2; box-shadow:4px 4px 4px  
4px #7EADD2 }
```

Background

The CSS property to change the background color of an element to Hex 7EADD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EADD2 }
```

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

```
.background{ background-color:#7EADD2 }
```

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