

Converting Colors

Hex(7A94E6)

Have a look what the booklet for
Hex(7A94E6) contains.

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Color

Hex(7A94E6)

Conversions

Conversions Part 1

Format	Color
Hex	7A94E6
RGB	122, 148, 230
RGB Percent	48%, 58%, 90%
CMY	0.5216, 0.4196, 0.0980
CMYK	0.47, 0.36, 0.00, 0.10
HSL	226°, 68%, 69%
HSV	226°, 47%, 90%
XYZ	32.8989, 31.0306, 79.1184
YIQ	149.5740, -41.8180, 19.9900

Conversions

Conversions Part 2

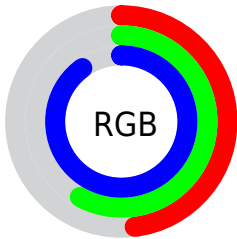
Format	Color
R _Y B	122, 143, 230
Decimal	8033510
CIE Lab	62.53, 12.56, -44.40
CIE LCh	63, 46.144, 285.790
Yxy	31.0306, 0.2300, 0.2169
Android (android.graphics.Color)	4286223590 (0xFF7A94E6)
YUV	149.5740, 39.6500, -24.1824
Hunter-Lab	55.7051, 7.9365, -45.2166

Details

The Hex color **7A94E6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E6CC7A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B3CAFF**, and **4062AE** is the 20% darker color. If you saturate the color by 10%, you get **6383E6**, and if you desaturate by 10%, it is **91A5E6**.

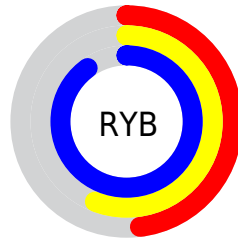
Distribution



Red (48%)

Green (58%)

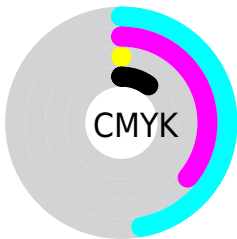
Blue (90%)



Red (48%)

Yellow (56%)

Blue (90%)

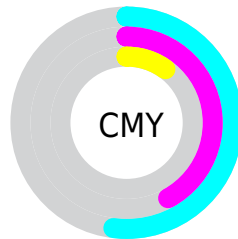


Cyan (47%)

Magenta (36%)

Yellow (0%)

Black (10%)



Cyan (52%)

Magenta (42%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A94E6 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 7A94E6 by changing the saturation by 10% instead.

 7A94E6

 7A94E6

FFFFFF

 5E7ACA

 B3CAFF

 4062AE

 D0E6FF


 1F4A93

 EDFFFF

 003479

 002060

 000747

 000430

 00011A

 000000

 7A94E6

 7A94E6

 6383E6

 91A5E6

 4C71E6

 A8B7E6

 3560E6

 BFC8E6

 1E4EE6

 D6DAE6

 073DE6

 EDEBE6

 0037E6

 FFFDE6

 FFFFE6

Harmonies

Analogous

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



00A1E6



7A94E6



B684D1

Triad

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



7A94E6



DB7F5E



25AB82

Complementary

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



7A94E6



E6CC7A

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.



6CA55C



7A94E6



C08E46

Square

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



7A94E6



E57583



9A9C45



00ACAC

Rectangle

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



7A94E6



D07BBA



9A9C45



44A974

Sweetspot

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



7A94E6



DBE4FF



7AE6CB



6A6F80



000000



808080

Same Dimension

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



7A94E6



7093FF



957AE6



676A73



002BB3



000C33

Inverse Universe

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



E67A94



FF7093



CBE67A



73676A



B3002B



33000C

Previews

White Background



This preview shows how the Hex color 7A94E6 looks on a white background.

Color Contrast Check

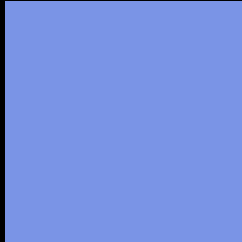
Large Text (above 18pt) WCAG AA × Fail

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 7A94E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

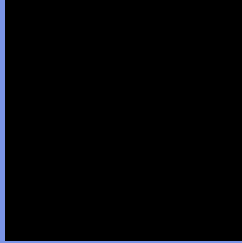
Any Text WCAG AA ✓ Pass

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 7A94E6 Background



This preview shows how black text looks on a background with the Hex color 7A94E6.



This preview shows how white text looks on a background with the Hex color 7A94E6.

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

7A94E6

Protanopia

7A94E6

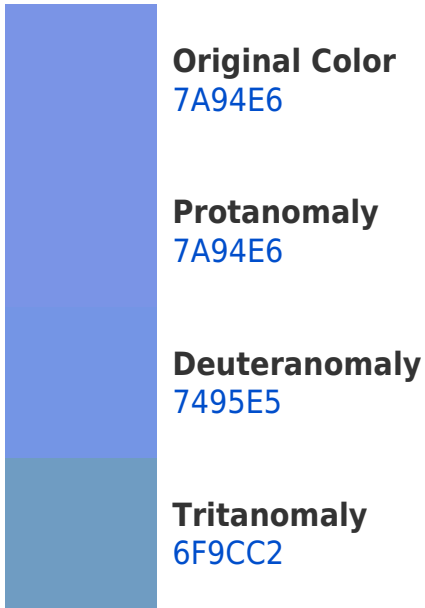
Deuteranopia

7196E5

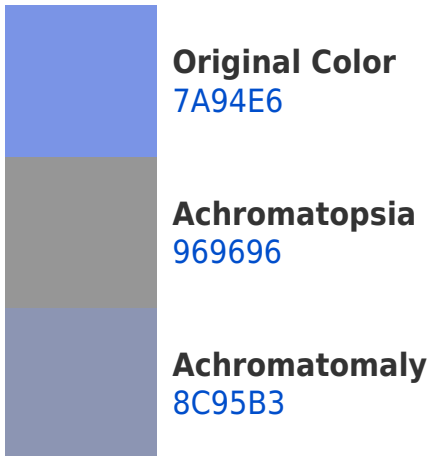


Tritanopia
69A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A94E6 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 #7A94E6 looks like.

```
.text, #text, p{  
    color:#7A94E6  
}
```

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 #7A94E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A94E6
}
```

Border

The CSS property to change the border of an element to Hex 7A94E6 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
#7A94E6 }
```

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

```
.border{ border-color:#7A94E6 }
```

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

Here you see how a box with a 4 pixel #7A94E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A94E6; -webkit-box-shadow:4px 4px  
4px 4px #7A94E6; box-shadow:4px 4px 4px  
4px #7A94E6 }
```

Background

The CSS property to change the background color of an element to Hex 7A94E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A94E6 }
```

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

```
.background{ background-color:#7A94E6 }
```

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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