

# Converting Colors

Hex(7A95D6)

Have a look what the booklet for  
Hex(7A95D6) contains.

<b>Hex(7A95D6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7A95D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A95D6
RGB	122, 149, 214
RGB Percent	48%, 58%, 84%
CMY	0.5216, 0.4157, 0.1608
CMYK	0.43, 0.30, 0.00, 0.16
HSL	222°, 53%, 66%
HSV	222°, 43%, 84%
XYZ	30.9111, 30.4875, 67.8738
YIQ	148.3370, -36.9570, 14.4910

# Conversions

## Conversions Part 2

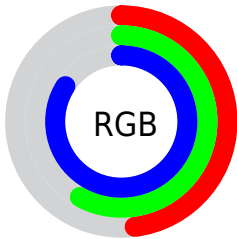
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 143, 214</a>
Decimal	<a href="#">8033750</a>
CIELab	<a href="#">62.07, 7.32, -36.24</a>
CIELCh	<a href="#">62, 36.973, 281.426</a>
Yxy	<a href="#">30.4875, 0.2391, 0.2358</a>
Android (android.graphics.Color)	<a href="#">4286223830 (0xFF7A95D6)</a>
YUV	<a href="#">148.3370, 32.3719, -23.0975</a>
Hunter-Lab	<a href="#">55.2155, 3.3019, -34.2316</a>

# Details

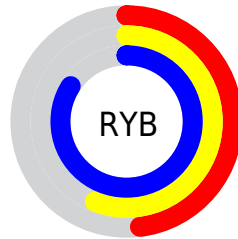
The Hex color **7A95D6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D6BB7A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B2CBFF**, and **43639F** is the 20% darker color. If you saturate the color by 10%, you get **6586D6**, and if you desaturate by 10%, it is **8FA4D6**.

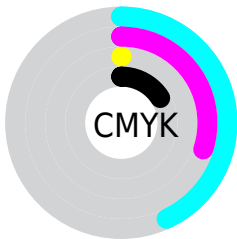
# Distribution



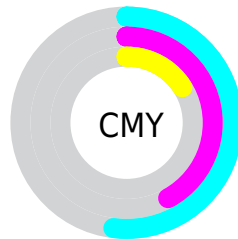
- Red (48%)
- Green (58%)
- Blue (84%)



- Red (48%)
- Yellow (56%)
- Blue (84%)



- Cyan (43%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (42%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A95D6 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 7A95D6 by changing the saturation by 10% instead.



 7A95D6

 7A95D6

FFFFFF

 5F7BBA

 B2CBFF

 43639F

 CEE7FF

 264B85

 EBFFFF

 00356B

 002052

 00073B

 000225

 00010D

 000000

 7A95D6

 7A95D6

 6586D6

 8FA4D6

 4F77D6

 A5B3D6

 3A68D6

 BAC2D6

 2459D6

 D0D1D6

 0F49D6

 E5E1D6

 003FD6

 FAF0D6

 FFFFD6

# Harmonies

## Analogous

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



3B9FD3



7A95D6



AA89C7

# Triad

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



7A95D6



D0826C



50A680

# Complementary

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



7A95D6



D6BB7A

# 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.



7BA164



7A95D6



BC8D58

# Square

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



7A95D6



D57C8B



9F9855



0EA7A2

# Rectangle

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



7A95D6



C082B6



9F9855



5FA576



# Sweetspot

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



7A95D6



DEE8FF



7AD6BA



6B7180



000000



808080



# Same Dimension

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



7A95D6



7AA1FF



8C7AD6



60646B



0032AB



000D2B



# Inverse Universe

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



D67A95



FF7AA1



C4D67A



6B6064



AB0032

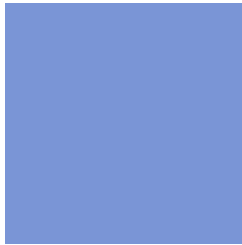


2B000D



# Previews

## White Background



This preview shows how the Hex color 7A95D6 looks on a white background.

## Color Contrast Check

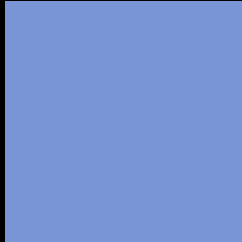
Large Text (above 18pt) WCAG AA × Fail

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 7A95D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

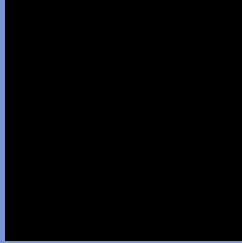
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7A95D6 Background



This preview shows how black text looks on a background with the Hex color 7A95D6.

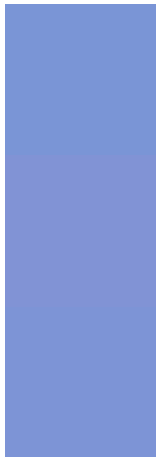


This preview shows how white text looks on a background with the Hex color 7A95D6.

# 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**  
7A95D6

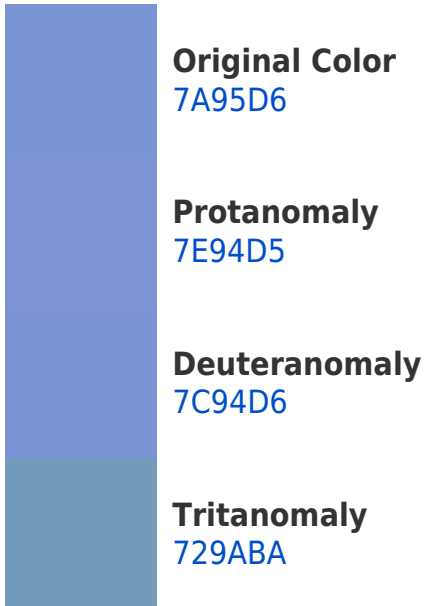
**Protanopia**  
8193D5

**Deuteranopia**  
7D94D6

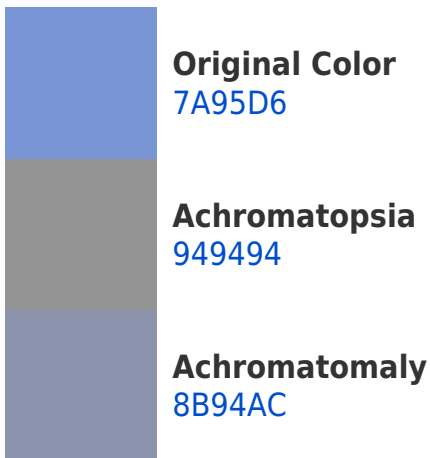


**Tritanopia**  
6E9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A95D6 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 #7A95D6 looks like.

```
.text, #text, p{  
    color:#7A95D6  
}
```

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 #7A95D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A95D6
}
```

## Border

The CSS property to change the border of an element to Hex 7A95D6 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
#7A95D6 }
```

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

```
.border{ border-color:#7A95D6 }
```

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

Here you see how a box with a 4 pixel #7A95D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A95D6; -webkit-box-shadow:4px 4px  
4px 4px #7A95D6; box-shadow:4px 4px 4px  
4px #7A95D6 }
```

# Background

The CSS property to change the background color of an element to Hex 7A95D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A95D6 }
```

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

```
.background{ background-color:#7A95D6 }
```

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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