

# Converting Colors

Hex(7595E2)

Have a look what the booklet for  
Hex(7595E2) contains.

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# **Color**

**Hex(7595E2)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7595E2                      |
| RGB         | 117, 149, 226               |
| RGB Percent | 46%, 58%, 89%               |
| CMY         | 0.5412, 0.4157, 0.1137      |
| CMYK        | 0.48, 0.34, 0.00, 0.11      |
| HSL         | 222°, 65%, 67%              |
| HSV         | 222°, 48%, 89%              |
| XYZ         | 31.8110, 30.7678, 76.2137   |
| YIQ         | 148.2100, -43.7890, 17.1630 |

# Conversions

## Conversions Part 2

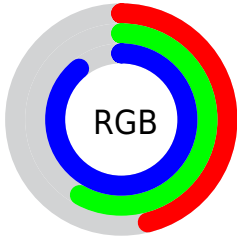
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">117, 142, 226</a>                                |
| Decimal                             | <a href="#">7706082</a>                                      |
| CIELab                              | <a href="#">62.31, 9.60, -42.56</a>                          |
| CIELCh                              | <a href="#">62, 43.628, 282.714</a>                          |
| Yxy                                 | <a href="#">30.7678, 0.2292, 0.2217</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4285896162</a><br>( <a href="#">0xFF7595E2</a> ) |
| YUV                                 | <a href="#">148.2100, 38.3505, -27.3712</a>                  |
| Hunter-Lab                          | <a href="#">55.4687, 5.2986, -42.6360</a>                    |

# Details

The Hex color **7595E2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E2C275**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AECBFF**, and **3B63AA** is the 20% darker color. If you saturate the color by 10%, you get **5E85E2**, and if you desaturate by 10%, it is **8CA5E2**.

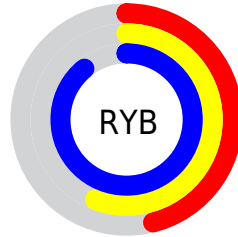
# Distribution



Red (46%)

Green (58%)

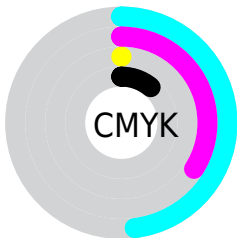
Blue (89%)



Red (46%)

Yellow (56%)

Blue (89%)

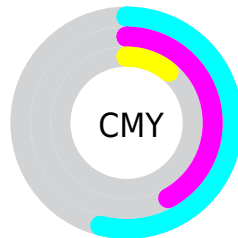


Cyan (48%)

Magenta (34%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (42%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7595E2 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 7595E2 by changing the saturation by 10% instead.



 7595E2

 7595E2

FFFFFF

 597BC6

 AECBFF

 3B63AA

 CBE7FF

 174B8F

 E8FFFF

 003575

 00205C

 000844

 00032D

 000118

 000000

■ 7595E2

■ 7595E2

■ 5E85E2

■ 8CA5E2

■ 4875E2

■ A2B5E2

■ 3165E2

■ B9C5E2

■ 1B55E2

■ CFD5E2

■ 0445E2

■ E6E5E2

■ 0042E2

■ FDF5E2

■ FFFFE2

# Harmonies

## Analogous

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



00A1E0



7595E2



AF86D0

# Triad

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



7595E2



D97F64



3AA97E

# Complementary

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



7595E2



E2C275

# 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.



73A35C



7595E2



C18D4C

# Square

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



7595E2



E07788



9E9A49



00ABA6

# Rectangle

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



7595E2



CA7DBB



9E9A49



50A872



# Sweetspot

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



7595E2



DBE6FF



75E2C1



6A7080



000000



808080



# Same Dimension

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



7595E2



6B97FF



8B75E2



656870



0034B0



000E30



# Inverse Universe

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



E27595



FF6B97



CCE275



706568



B00034

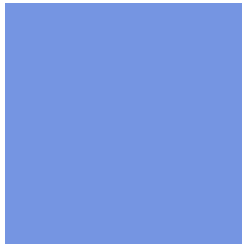


30000E



# Previews

## White Background



This preview shows how the Hex color 7595E2 looks on a white background.

## Color Contrast Check

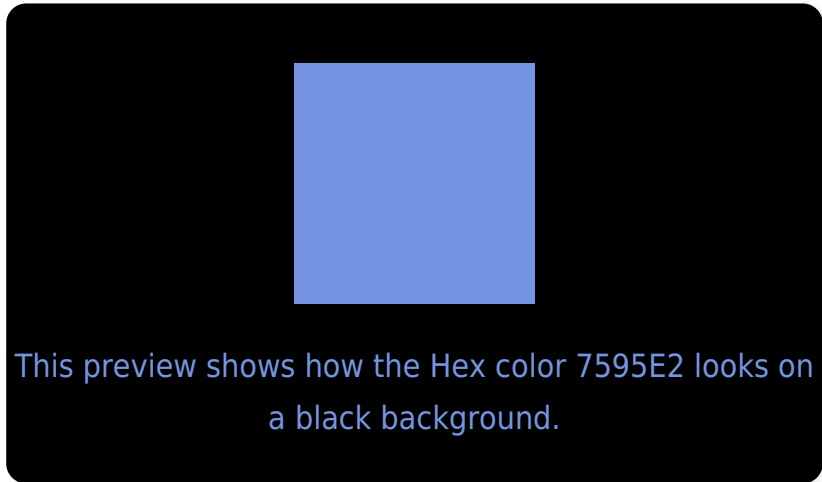
Large Text (above 18pt) WCAG AA × Fail

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

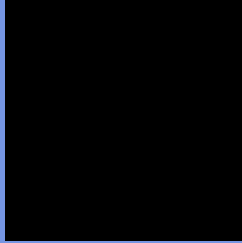
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7595E2 Background



This preview shows how black text looks on a background with the Hex color 7595E2.



This preview shows how white text looks on a background with the Hex color 7595E2.

# 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**  
7595E2

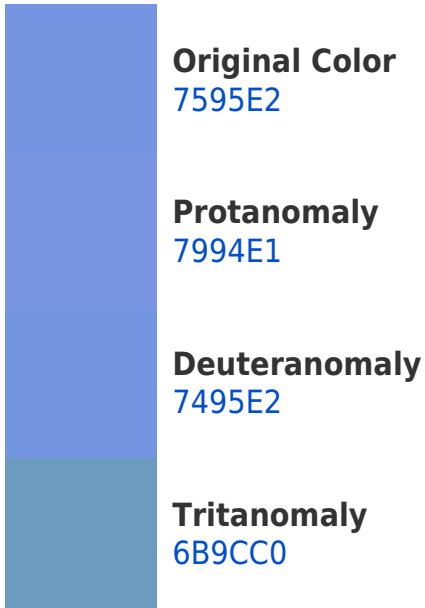
**Protanopia**  
7C94E1

**Deuteranopia**  
7395E2



**Tritanopia**  
65A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7595E2 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 #7595E2 looks like.

```
.text, #text, p{  
    color:#7595E2  
}
```

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 #7595E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7595E2
}
```

## Border

The CSS property to change the border of an element to Hex 7595E2 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
#7595E2 }
```

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

```
.border{ border-color:#7595E2 }
```

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

Here you see how a box with a 4 pixel #7595E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7595E2; -webkit-box-shadow:4px 4px  
4px 4px #7595E2; box-shadow:4px 4px 4px  
4px #7595E2 }
```

# Background

The CSS property to change the background color of an element to Hex 7595E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7595E2 }
```

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

```
.background{ background-color:#7595E2 }
```

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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