

Converting Colors

Hex(7795BD)

Have a look what the booklet for
Hex(7795BD) contains.

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Color

Hex(7795BD)

Conversions

Conversions Part 1

Format	Color
Hex	7795BD
RGB	119, 149, 189
RGB Percent	47%, 58%, 74%
CMY	0.5333, 0.4157, 0.2588
CMYK	0.37, 0.21, 0.00, 0.26
HSL	214°, 35%, 60%
HSV	214°, 37%, 74%
XYZ	27.5405, 29.0910, 52.3077
YIQ	144.5900, -30.7200, 6.0800

Conversions

Conversions Part 2

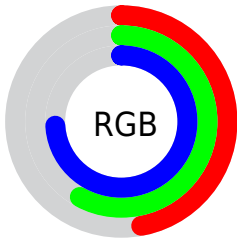
Format	Color
R _{YB}	119, 140, 189
Decimal	7837117
CIE _{Lab}	60.86, -0.44, -24.12
CIE _{LCh}	61, 24.122, 268.959
Yxy	29.0910, 0.2528, 0.2670
Android (android.graphics.Color)	4286027197 (0xFF7795BD)
YUV	144.5900, 21.8941, -22.4424
Hunter-Lab	53.9360, -3.2434, -19.7448

Details

The Hex color **7795BD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BD9F77**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ADCBF5**, and **436288** is the 20% darker color. If you saturate the color by 10%, you get **648ABD**, and if you desaturate by 10%, it is **8AA0BD**.

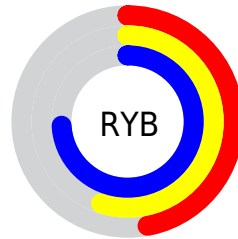
Distribution



Red (47%)

Green (58%)

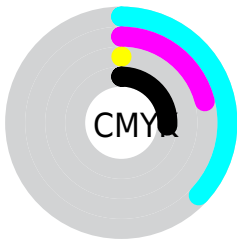
Blue (74%)



Red (47%)

Yellow (55%)

Blue (74%)

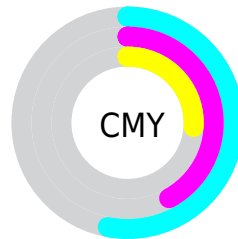


Cyan (37%)

Magenta (21%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (42%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7795BD 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 7795BD by changing the saturation by 10% instead.

■ 7795BD

■ 7795BD

FFFFFF

■ 5D7BA2

■ ADCBF5

■ 436288

■ C9E7FF

■ 294B6E

■ E6FFFF

■ 0A3456

■ 001F3E

■ 000628

■ 000112

■ 000000

■ 7795BD

■ 7795BD

■ 648ABD

■ 8AA0BD

■ 517FBD

■ 9DABBD

■ 3E75BD

■ B0B5BD

■ 2B6ABD

■ C3C0BD

■ 195FBD

■ D6CBBBD

■ 0654BD

■ E8D6BD

■ 0051BD

■ FBE1BD

■ FFE6BD

■ FFF6BD

Harmonies

Analogous

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



5C9BB7



7795BD



958EB8

Triad

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



7795BD



BD857F



749C7C

Complementary

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



7795BD



BD9F77

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.



8C986D



7795BD



B48A6F

Square

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



7795BD



BB8394



A39168



5D9F91

Rectangle

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



7795BD



A689AF



A39168



7C9B76

Sweetspot

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



7795BD



DAE5F5



77BD9F



6A717A



FAFAFA



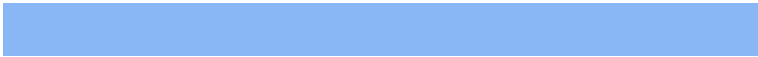
7A7A7A

Same Dimension

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



7795BD



89B7F5



7C77BD



55595E



00449E



000D1F

Inverse Universe

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



BD7795



F589B7



B8BD77



5E5559



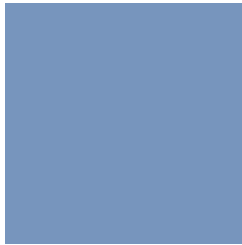
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 7795BD looks on a white background.

Color Contrast Check

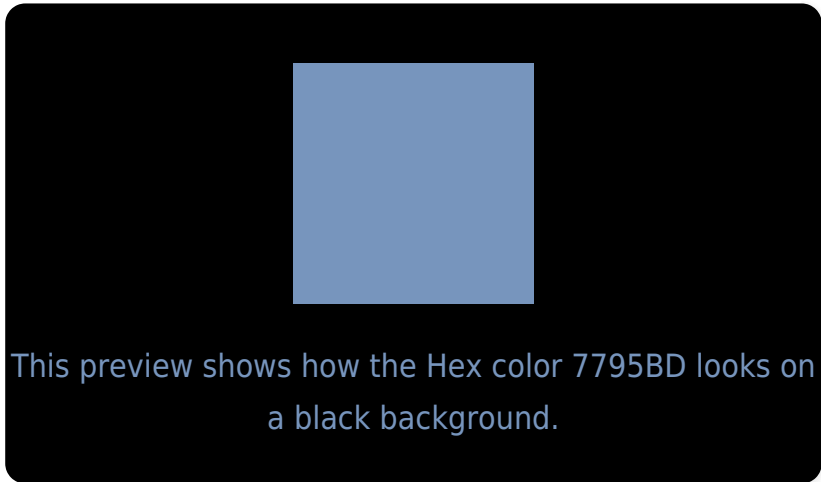
Large Text (above 18pt) WCAG AA ✓ Pass

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

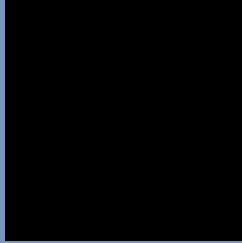
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

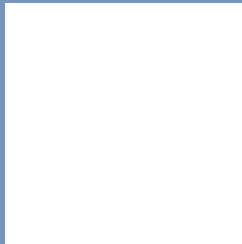
Any Text WCAG AAA × Fail

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

Hex 7795BD Background



This preview shows how black text looks on a background with the Hex color 7795BD.



This preview shows how white text looks on a background with the Hex color 7795BD.

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](#).

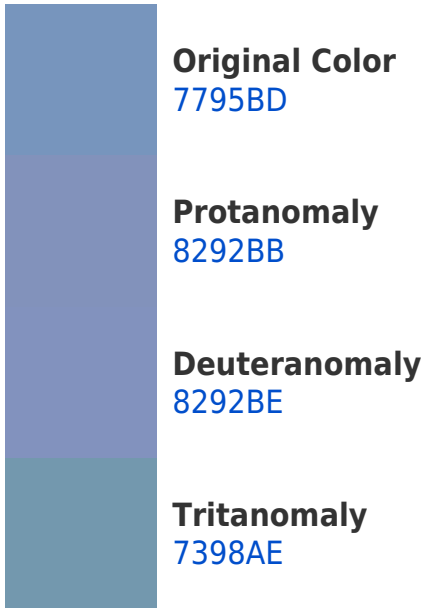
Dichromacy



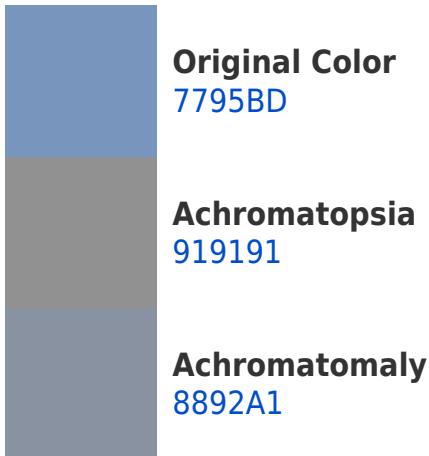


Tritanopia
7199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7795BD 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 #7795BD looks like.

```
.text, #text, p{  
    color:#7795BD  
}
```

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 #7795BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7795BD
}
```

Border

The CSS property to change the border of an element to Hex 7795BD 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
#7795BD }
```

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

```
.border{ border-color:#7795BD }
```

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

Here you see how a box with a 4 pixel #7795BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7795BD; -webkit-box-shadow:4px 4px  
4px 4px #7795BD; box-shadow:4px 4px 4px  
4px #7795BD }
```

Background

The CSS property to change the background color of an element to Hex 7795BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7795BD }
```

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

```
.background{ background-color:#7795BD }
```

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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