

Converting Colors

Hex(7790D8)

Have a look what the booklet for
Hex(7790D8) contains.

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Color

Hex(7790D8)

Conversions

Conversions Part 1

Format	Color
Hex	7790D8
RGB	119, 144, 216
RGB Percent	47%, 56%, 85%
CMY	0.5333, 0.4353, 0.1529
CMYK	0.45, 0.33, 0.00, 0.15
HSL	225°, 55%, 66%
HSV	225°, 45%, 85%
XYZ	29.9757, 28.8263, 68.9499
YIQ	144.7330, -38.0120, 17.0920

Conversions

Conversions Part 2

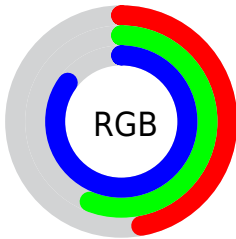
Format	Color
R_{YB}	119, 139, 216
Decimal	7835864
CIE _{Lab}	60.63, 10.05, -39.63
CIE _{LCh}	61, 40.883, 284.226
Yxy	28.8263, 0.2346, 0.2256
Android (android.graphics.Color)	4286025944 (0xFF7790D8)
YUV	144.7330, 35.1346, -22.5678
Hunter-Lab	53.6902, 5.7003, -38.5582

Details

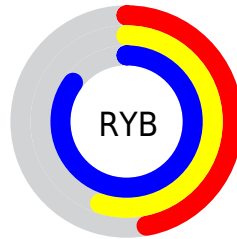
The Hex color **7790D8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D8BF77**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AFC6FF**, and **3F5EA1** is the 20% darker color. If you saturate the color by 10%, you get **6180D8**, and if you desaturate by 10%, it is **8DA0D8**.

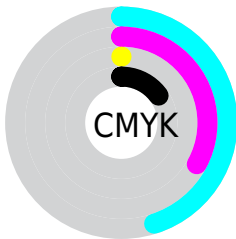
Distribution



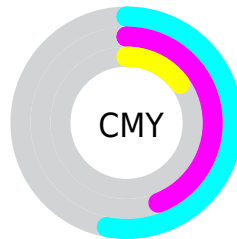
- Red (47%)
- Green (56%)
- Blue (85%)



- Red (47%)
- Yellow (55%)
- Blue (85%)



- Cyan (45%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7790D8 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 7790D8 by changing the saturation by 10% instead.

■ 7790D8

■ 7790D8

FFFFFF

■ 5B77BC

■ AFC6FF

■ 3F5EA1

■ CCE2FF

■ 204786

■ E9FEFF

■ 00316D

■ 001C54

■ 00003C

■ 000226

■ 00010F

■ 000000

 7790D8

 7790D8

 6180D8

 8DA0D8

 4C70D8

 A2B0D8

 3660D8

 B8C0D8

 2150D8

 CDD0D8

 0B40D8

 E3E0D8

 0038D8

 F9F0D8

 FFFFD8

Harmonies

Analogous

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



229BD7



7790D8



AB82C6

Triad

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



7790D8



CF7D62



3BA47D

Complementary

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



7790D8



D8BF77

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.



6F9F5D



7790D8



B9894C

Square

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



7790D8



D77582



98964A



00A5A3

Rectangle

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



7790D8



C37AB2



98964A



4FA272

Sweetspot

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



7790D8



DEE6FF



77D8BE



6B7080



000000



808080

Same Dimension

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



7790D8



7599FF



8E77D8



60636B



002CAB



000B2B

Inverse Universe

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



D87790



FF7599



C1D877



6B6063



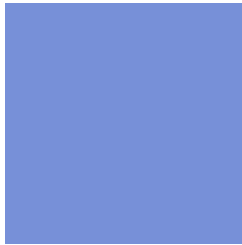
AB002C



2B000B

Previews

White Background



This preview shows how the Hex color 7790D8 looks on a white background.

Color Contrast Check

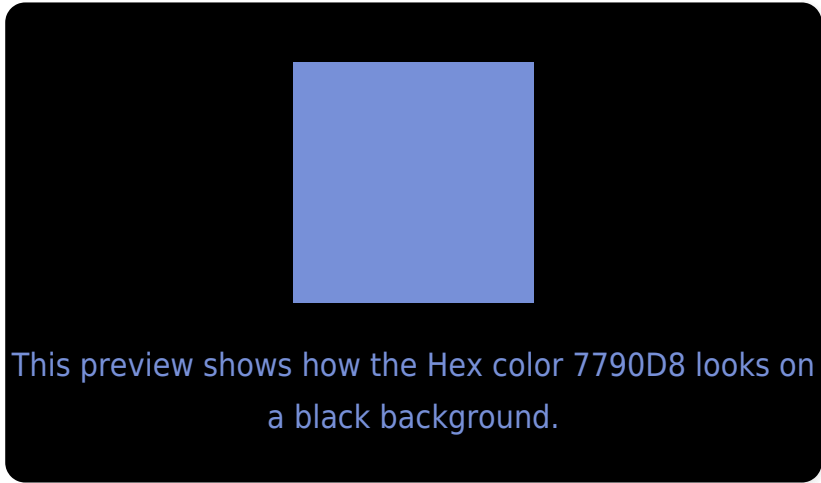
Large Text (above 18pt) WCAG AA ✓ Pass

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 7790D8 Background



This preview shows how black text looks on a background with the Hex color 7790D8.



This preview shows how white text looks on a background with the Hex color 7790D8.

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
7790D8

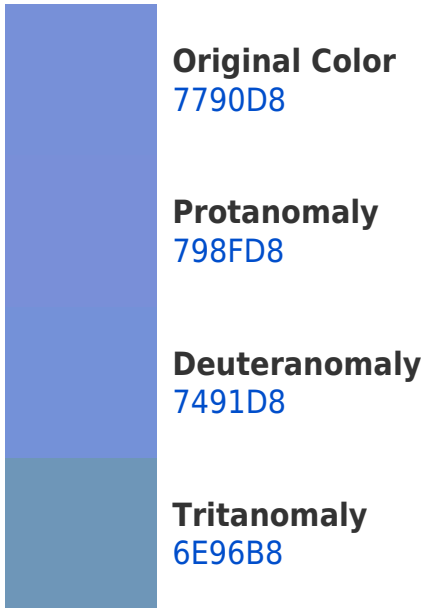
Protanopia
7A8FD8

Deuteranopia
7391D8

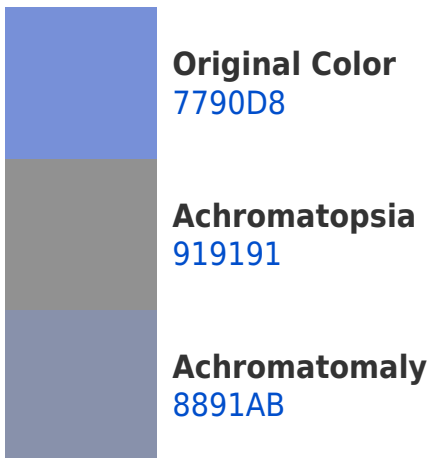


Tritanopia
699AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7790D8 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 #7790D8 looks like.

```
.text, #text, p{  
    color:#7790D8  
}
```

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 #7790D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7790D8
}
```

Border

The CSS property to change the border of an element to Hex 7790D8 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
#7790D8 }
```

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

```
.border{ border-color:#7790D8 }
```

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

Here you see how a box with a 4 pixel #7790D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7790D8; -webkit-box-shadow:4px 4px  
4px 4px #7790D8; box-shadow:4px 4px 4px  
4px #7790D8 }
```

Background

The CSS property to change the background color of an element to Hex 7790D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7790D8 }
```

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

```
.background{ background-color:#7790D8 }
```

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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