

Converting Colors

Hex(7694CD)

Have a look what the booklet for
Hex(7694CD) contains.

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Color

Hex(7694CD)

Conversions

Conversions Part 1

Format	Color
Hex	7694CD
RGB	118, 148, 205
RGB Percent	46%, 58%, 80%
CMY	0.5373, 0.4196, 0.1961
CMYK	0.42, 0.28, 0.00, 0.20
HSL	219°, 47%, 63%
HSV	219°, 42%, 80%
XYZ	29.0806, 29.4391, 61.9072
YIQ	145.5280, -36.1770, 11.3670

Conversions

Conversions Part 2

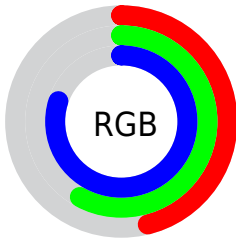
Format	Color
R_{YB}	118, 140, 205
Decimal	7771341
CIE _{Lab}	61.17, 4.30, -32.64
CIE _{LCh}	61, 32.923, 277.506
Yxy	29.4391, 0.2415, 0.2445
Android (android.graphics.Color)	4285961421 (0xFF7694CD)
YUV	145.5280, 29.3197, -24.1421
Hunter-Lab	54.2578, 0.7194, -29.6683

Details

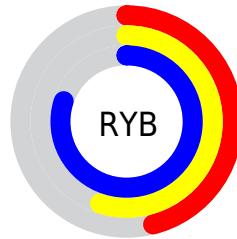
The Hex color **7694CD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CDAF76**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ADCAFF**, and **406296** is the 20% darker color. If you saturate the color by 10%, you get **6287CD**, and if you desaturate by 10%, it is **8BA1CD**.

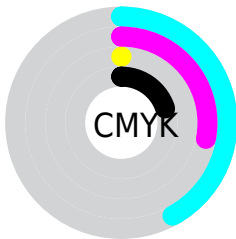
Distribution



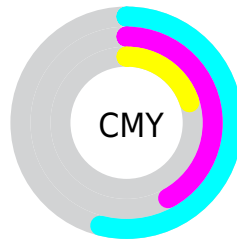
- Red (46%)
- Green (58%)
- Blue (80%)



- Red (46%)
- Yellow (55%)
- Blue (80%)



- Cyan (42%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7694CD 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 7694CD by changing the saturation by 10% instead.

 7694CD

 7694CD

FFFFFF

 5B7AB1

 ADCAFF

 406296

 CAE6FF

 234A7C

 E6FFFF

 003463

 001F4B

 000534

 00021E

 000000

 7694CD

 7694CD

■ 6287CD

■ 8BA1CD

■ 4D79CD

■ 9FAFCD

■ 396CCD

■ B4BCCD

■ 245ECD

■ C8CACD

■ 1051CD

■ DDD7CD

■ 0047CD

■ F1E5CD

■ FFF2CD

■ FFFFCD

Harmonies

Analogous

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



449DC9



7694CD



A189C2

Triad

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



7694CD



C98172



5DA17C

Complementary

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



7694CD



CDAF76

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.



809C64



7694CD



B98A5E

Square

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



7694CD



CC7D8D



A09459



36A39A

Rectangle

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



7694CD



B683B3



A09459



69A073

Sweetspot

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



7694CD



DEE9FF



76CDAF



6B7280



000000



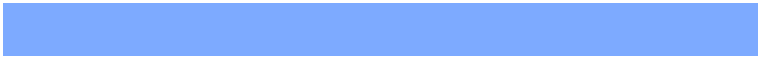
808080

Same Dimension

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



7694CD



7DAAFF



8376CD



5C5F66



0039A6



000D26

Inverse Universe

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



CD7694



FF7DAA



C0CD76



665C5F



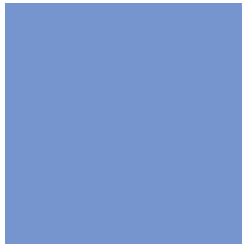
A60039



26000D

Previews

White Background



This preview shows how the Hex color 7694CD looks on a white background.

Color Contrast Check

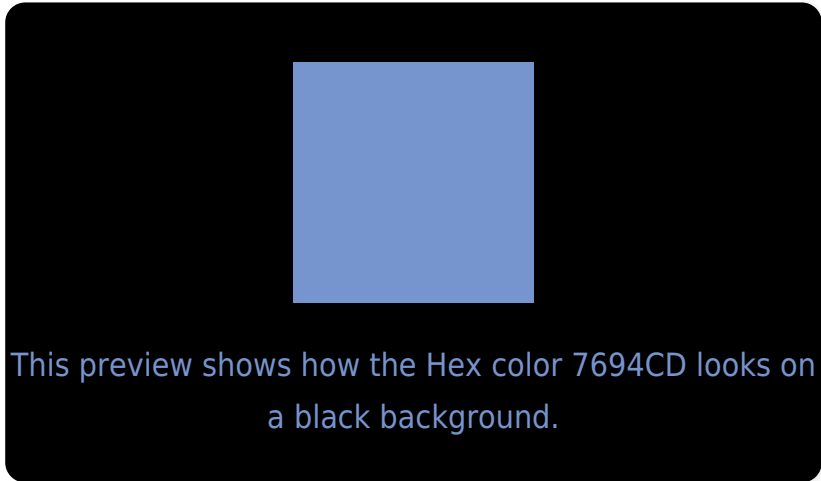
Large Text (above 18pt) WCAG AA ✓ Pass

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

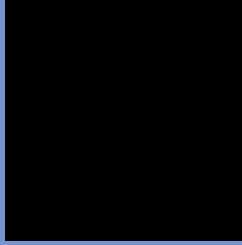
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

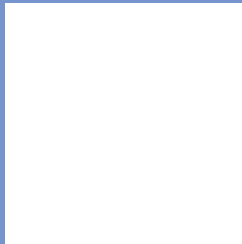
Any Text WCAG AAA × Fail

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

Hex 7694CD Background



This preview shows how black text looks on a background with the Hex color 7694CD.




This preview shows how white text looks on a background with the Hex color 7694CD.

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](#).

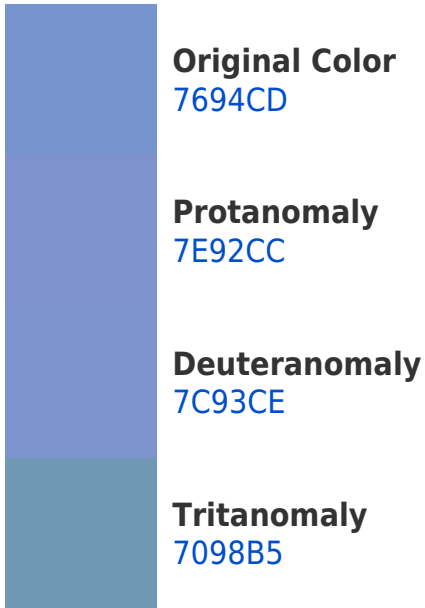
Dichromacy



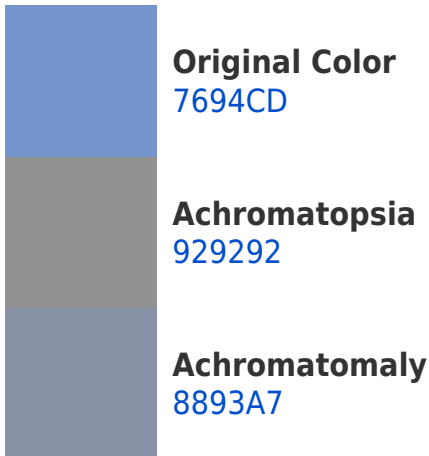


Tritanopia
6C9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7694CD 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 #7694CD looks like.

```
.text, #text, p{  
    color:#7694CD  
}
```

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 #7694CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7694CD
}
```

Border

The CSS property to change the border of an element to Hex 7694CD 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
#7694CD }
```

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

```
.border{ border-color:#7694CD }
```

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

Here you see how a box with a 4 pixel #7694CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7694CD; -webkit-box-shadow:4px 4px  
4px 4px #7694CD; box-shadow:4px 4px 4px  
4px #7694CD }
```

Background

The CSS property to change the background color of an element to Hex 7694CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7694CD }
```

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

```
.background{ background-color:#7694CD }
```

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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