

Converting Colors

Hex(7695B5)

Have a look what the booklet for
Hex(7695B5) contains.

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Color

Hex(7695B5)

Conversions

Conversions Part 1

Format	Color
Hex	7695B5
RGB	118, 149, 181
RGB Percent	46%, 58%, 71%
CMY	0.5373, 0.4157, 0.2902
CMYK	0.35, 0.18, 0.00, 0.29
HSL	210°, 30%, 59%
HSV	210°, 35%, 71%
XYZ	26.5591, 28.6826, 47.8525
YIQ	143.3790, -28.7480, 3.3800

Conversions

Conversions Part 2

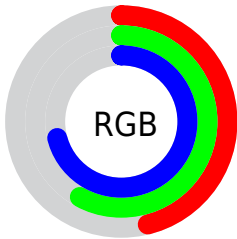
Format	Color
RYB	118, 139, 181
Decimal	7771573
CIELab	60.50, -2.86, -20.16
CIELCh	61, 20.363, 261.931
Yxy	28.6826, 0.2576, 0.2782
Android (android.graphics.Color)	4285961653 (0xFF7695B5)
YUV	143.3790, 18.5472, -22.2574
Hunter-Lab	53.5562, -5.2030, -15.4864

Details

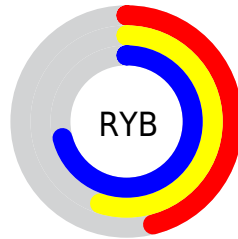
The Hex color **7695B5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B59676**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ACCBED**, and **436280** is the 20% darker color. If you saturate the color by 10%, you get **648CB5**, and if you desaturate by 10%, it is **889EB5**.

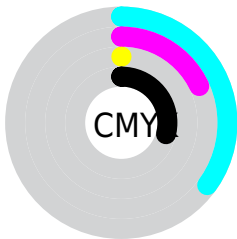
Distribution



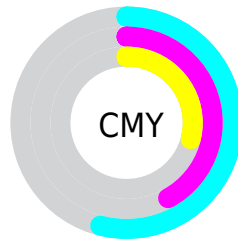
- Red (46%)
- Green (58%)
- Blue (71%)



- Red (46%)
- Yellow (55%)
- Blue (71%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (54%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7695B5 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 7695B5 by changing the saturation by 10% instead.

 7695B5

 7695B5

FFFFFF

 5C7B9A

 ACCBED

 436280

 C8E7FF

 294B67

 E4FFFF

 0D344F

 001F38

 000623

 000009

 000000

 7695B5

 7695B5

648CB5

889EB5

5283B5

9AA7B5

4079B5

ACB1B5

2E70B5

BEBAB5

1B67B5

D1C3B5

095EB5

E3CCB5

0059B5

F5D5B5

FFDFB5

FFE8B5

Harmonies

Analogous

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



639AAE



7695B5



8E8FB3

Triad

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



7695B5



B78685



7D997B

Complementary

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



7695B5



B59676

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.



919570



7695B5



B18976

Square

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



7695B5



B38597



A48F6F



6A9C8C

Rectangle

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



7695B5



9E8BAD



A48F6F



849877

Sweetspot

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



7695B5



D3DFEB



76B596



676E75



F5F5F5



757575

Same Dimension

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



7695B5



88B9EB



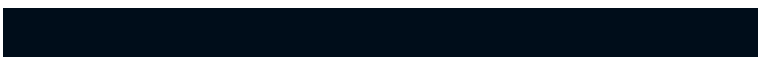
7676B5



505559



004B99



000D1A

Inverse Universe

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



B57695



EB88B9



B5B576



595055



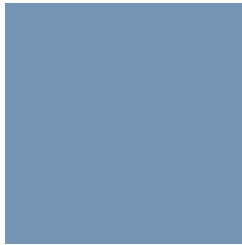
99004B



1A000D

Previews

White Background



This preview shows how the Hex color 7695B5 looks on a white background.

Color Contrast Check

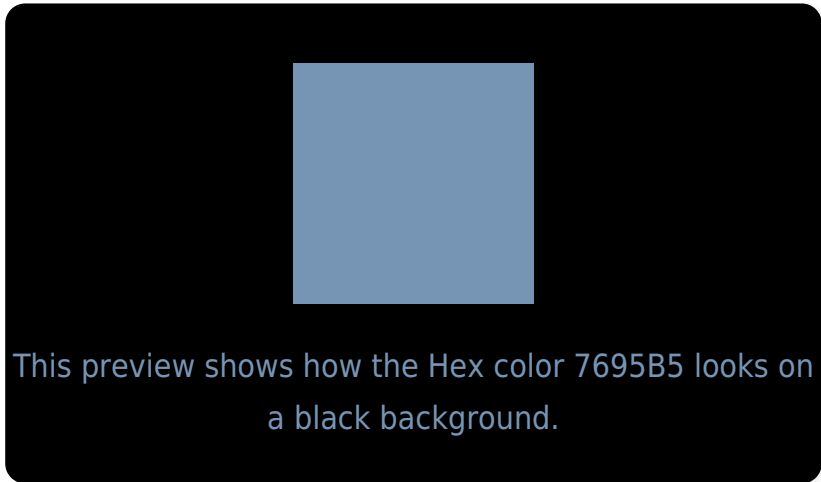
Large Text (above 18pt) WCAG AA ✓ Pass

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

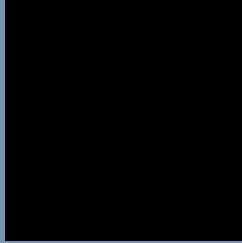
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

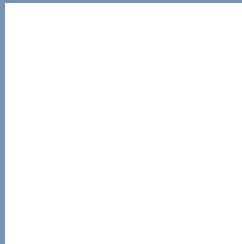
Any Text WCAG AAA × Fail

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

Hex 7695B5 Background



This preview shows how black text looks on a background with the Hex color 7695B5.

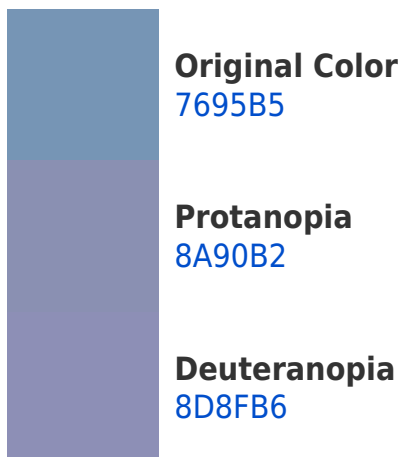


This preview shows how white text looks on a background with the Hex color 7695B5.

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](#).

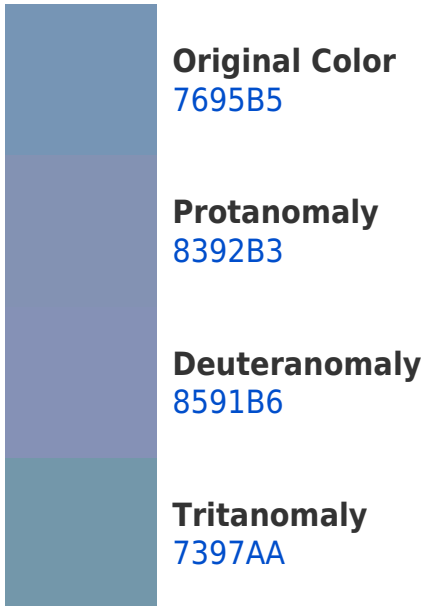
Dichromacy



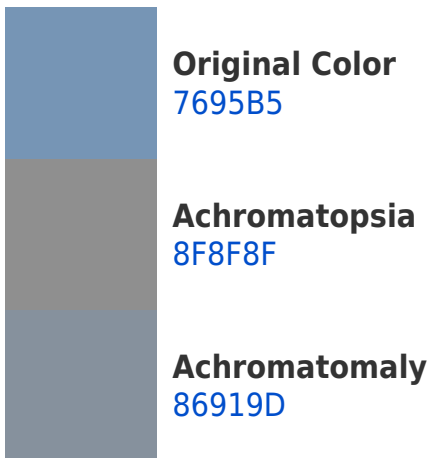


Tritanopia
7298A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7695B5 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 #7695B5 looks like.

```
.text, #text, p{  
    color:#7695B5  
}
```

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 #7695B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7695B5
}
```

Border

The CSS property to change the border of an element to Hex 7695B5 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
#7695B5 }
```

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

```
.border{ border-color:#7695B5 }
```

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

Here you see how a box with a 4 pixel #7695B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7695B5; -webkit-box-shadow:4px 4px  
4px 4px #7695B5; box-shadow:4px 4px 4px  
4px #7695B5 }
```

Background

The CSS property to change the background color of an element to Hex 7695B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7695B5 }
```

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

```
.background{ background-color:#7695B5 }
```

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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