

Converting Colors

Hex(7755A5)

Have a look what the booklet for
Hex(7755A5) contains.

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Color

Hex(7755A5)

Conversions

Conversions Part 1

Format	Color
Hex	7755A5
RGB	119, 85, 165
RGB Percent	47%, 33%, 65%
CMY	0.5333, 0.6667, 0.3529
CMYK	0.28, 0.48, 0.00, 0.35
HSL	266°, 32%, 49%
HSV	266°, 48%, 65%
XYZ	17.6478, 13.1356, 37.2026
YIQ	104.2860, -5.4160, 32.0880

Conversions

Conversions Part 2

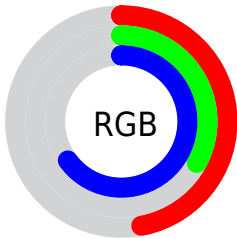
Format	Color
R_{YB}	119, 85, 165
Decimal	7820709
CIE _{Lab}	42.97, 31.08, -38.15
CIE _{LCh}	43, 49.209, 309.167
Yxy	13.1356, 0.2596, 0.1932
Android (android.graphics.Color)	4286010789 (0xFF7755A5)
YUV	104.2860, 29.9320, 12.9042
Hunter-Lab	36.2430, 23.4916, -35.4897

Details

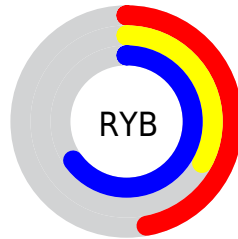
The Hex color **7755A5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **83A555**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AD87DC**, and **432671** is the 20% darker color. If you saturate the color by 10%, you get **6E44A5**, and if you desaturate by 10%, it is **8065A5**.

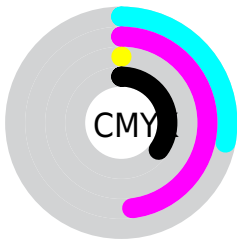
Distribution



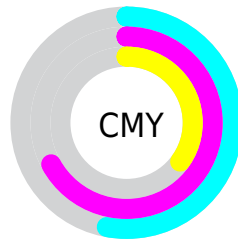
- Red (47%)
- Green (33%)
- Blue (65%)



- Red (47%)
- Yellow (33%)
- Blue (65%)



- Cyan (28%)
- Magenta (48%)
- Yellow (0%)
- Black (35%)



- Cyan (53%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7755A5 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 7755A5 by changing the saturation by 10% instead.

7755A5

7755A5

FFFFFF

5D3D8A

AD87DC

432671

C9A2F9

2A1058

E6BDFF

120040

FFD9FF

000229

FFF6FF

000113

000000

7755A5

7755A5

6E44A5

8065A5

6434A5

8A76A5

5B23A5

9386A5

5113A5

9D97A5

4802A5

A6A7A5

4600A5

B0B8A5

B9C8A5

C3D9A5

CCE9A5

Harmonies

Analogous

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



1B66B6



7755A5



A04383

Triad

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



7755A5



905913



007971

Complementary

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



7755A5



83A555

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.



007747



7755A5



6E6803

Square

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



7755A5



A84834



427120



007798

Rectangle

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



7755A5



AC3D68



427120



007863

Sweetspot

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



7755A5



C4B6D6



5584A5



60586B



EBEBEB



6B6B6B

Same Dimension

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



7755A5



8F5AD6



9E55A5



4D4952



3E0091



080012

Inverse Universe

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



A55583



D65AA1



5CA555



52494E



910054



12000A

Previews

White Background



This preview shows how the Hex color 7755A5 looks on a white background.

Color Contrast Check

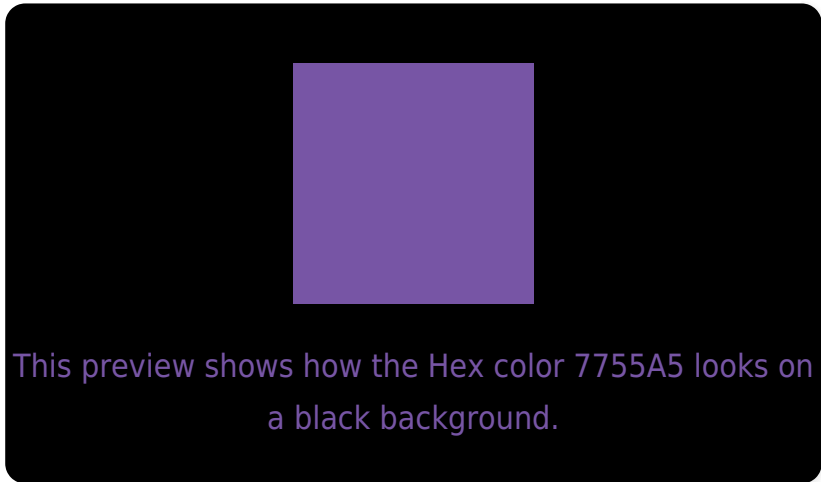
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

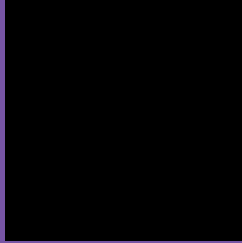
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7755A5 Background



This preview shows how black text looks on a background with the Hex color 7755A5.

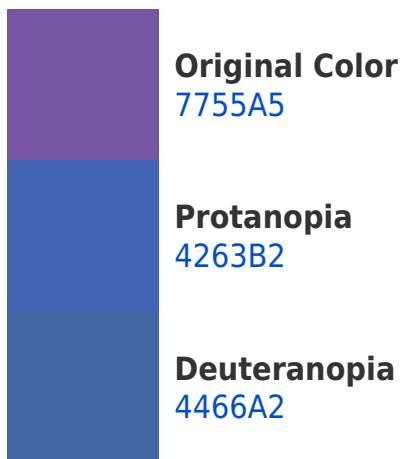


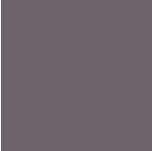
This preview shows how white text looks on a background with the Hex color 7755A5.

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](#).

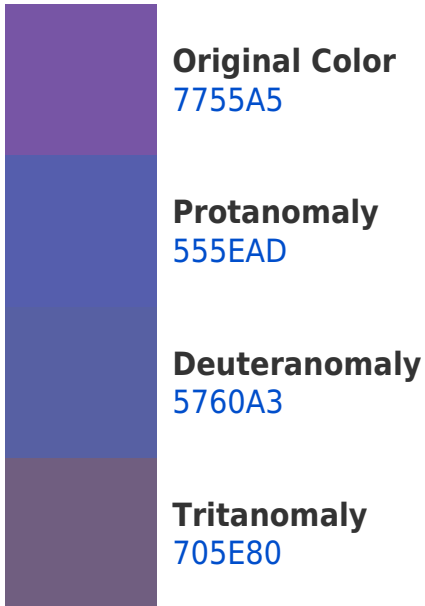
Dichromacy



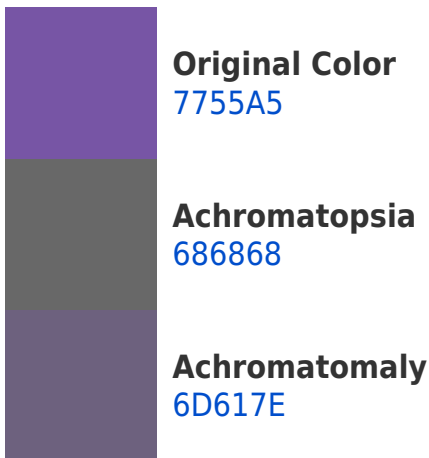


Tritanopia
6C636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7755A5 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 #7755A5 looks like.

```
.text, #text, p{  
    color:#7755A5  
}
```

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 #7755A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7755A5
}
```

Border

The CSS property to change the border of an element to Hex 7755A5 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
#7755A5 }
```

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

```
.border{ border-color:#7755A5 }
```

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

Here you see how a box with a 4 pixel #7755A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7755A5; -webkit-box-shadow:4px 4px  
4px 4px #7755A5; box-shadow:4px 4px 4px  
4px #7755A5 }
```

Background

The CSS property to change the background color of an element to Hex 7755A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7755A5 }
```

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

```
.background{ background-color:#7755A5 }
```

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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