

Converting Colors

Hex(757DAA)

Have a look what the booklet for
Hex(757DAA) contains.

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Color

Hex(757DAA)

Conversions

Conversions Part 1

Format	Color
Hex	757DAA
RGB	117, 125, 170
RGB Percent	46%, 49%, 67%
CMY	0.5412, 0.5098, 0.3333
CMYK	0.31, 0.26, 0.00, 0.33
HSL	231°, 24%, 56%
HSV	231°, 31%, 67%
XYZ	21.9254, 21.3514, 40.9959
YIQ	127.7380, -19.2130, 12.2990

Conversions

Conversions Part 2

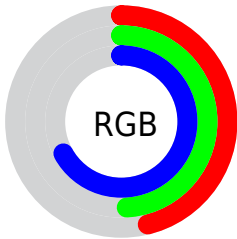
Format	Color
R_{YB}	117, 124, 170
Decimal	7699882
CIE _{Lab}	53.33, 7.80, -24.88
CIE _{LCh}	53, 26.076, 287.413
Yxy	21.3514, 0.2602, 0.2534
Android (android.graphics.Color)	4285889962 (0xFF757DAA)
YUV	127.7380, 20.8352, -9.4172
Hunter-Lab	46.2076, 3.8347, -20.2574

Details

The Hex color **757DAA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AAA275**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AAB1E1**, and **434C76** is the 20% darker color. If you saturate the color by 10%, you get **646FAA**, and if you desaturate by 10%, it is **868BAA**.

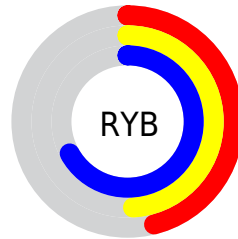
Distribution



Red (46%)

Green (49%)

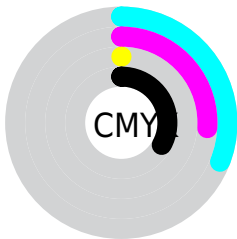
Blue (67%)



Red (46%)

Yellow (49%)

Blue (67%)

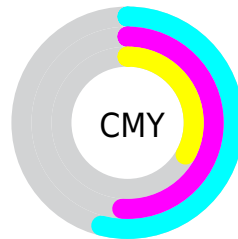


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757DAA 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 757DAA by changing the saturation by 10% instead.

■ 757DAA

■ 757DAA

FFFFFF

■ 5B648F

■ AAB1E1

■ 434C76

■ C6CDFE

■ 2A365D

■ E2E9FF

■ 112145

■ 00092F

■ 000119

■ 000000

■ 757DAA

■ 757DAA

■ 646FAA

■ 868BAA

■ 5360AA

■ 979AAA

■ 4252AA

■ A8A8AA

■ 3143AA

■ B9B7AA

■ 2035AA

■ CAC5AA

■ 0F26AA

■ DBD4AA

■ 001AAA

■ ECE2AA

■ FDF0AA

■ FFFFAA

Harmonies

Analogous

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



5384AB



757DAA



92759E

Triad

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



757DAA



A7735F



4D8B75

Complementary

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



757DAA



AAA275

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.



688860



757DAA



977B54

Square

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



757DAA



AC6F73



828254



378C8C

Rectangle

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



757DAA



A07191



828254



568A6D

Sweetspot

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



757DAA



CACDDE



75AAA1



646670



F0F0F0



707070

Same Dimension

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



757DAA



8C98DE



8775AA



4C4D54



001694



000314

Inverse Universe

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



AA757D



DE8C98



98AA75



544C4D



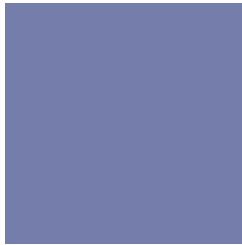
940016



140003

Previews

White Background



This preview shows how the Hex color 757DAA looks on a white background.

Color Contrast Check

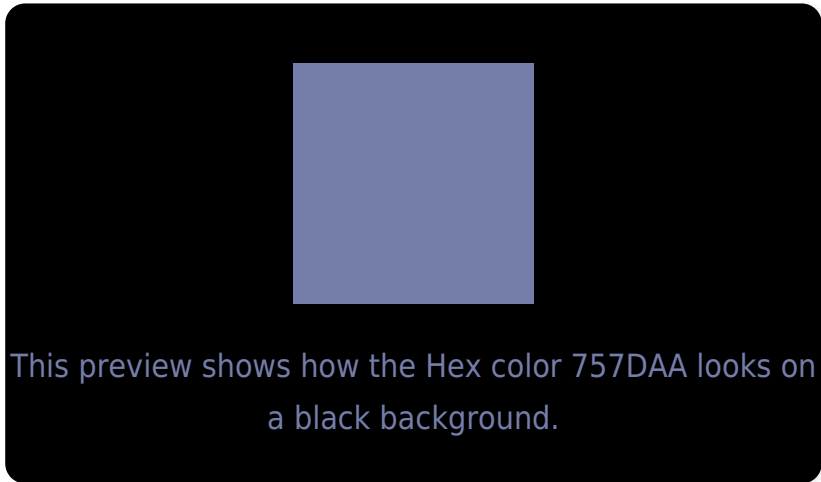
Large Text (above 18pt) WCAG AA ✓ Pass

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

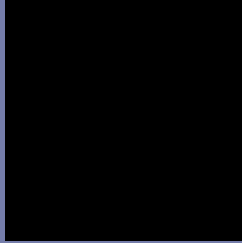
Any Text WCAG AA ✓ Pass

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 757DAA Background



This preview shows how black text looks on a background with the Hex color 757DAA.



This preview shows how white text looks on a background with the Hex color 757DAA.

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

757DAA

Protanopia

737EAA

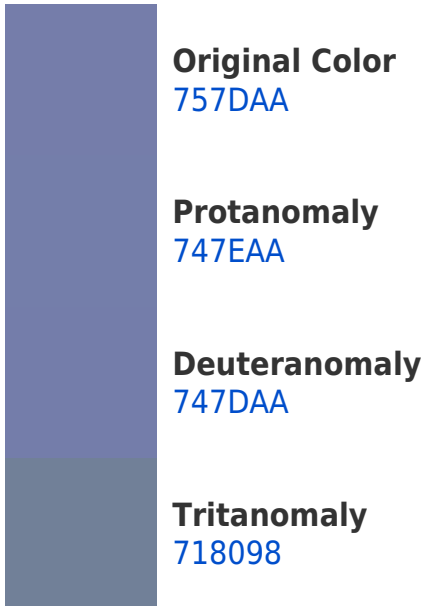
Deuteranopia

747DAA

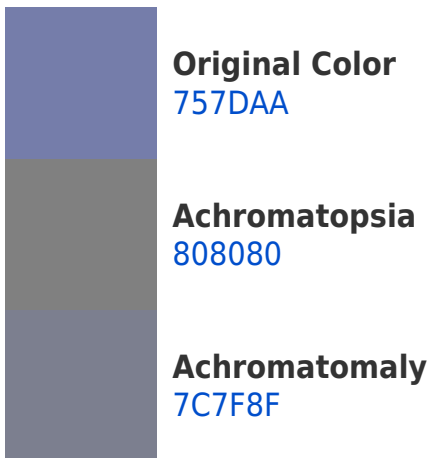


Tritanopia
6F828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 757DAA 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 #757DAA looks like.

```
.text, #text, p{  
    color:#757DAA  
}
```

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 #757DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757DAA
}
```

Border

The CSS property to change the border of an element to Hex 757DAA 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
#757DAA }
```

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

```
.border{ border-color:#757DAA }
```

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

Here you see how a box with a 4 pixel #757DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757DAA; -webkit-box-shadow:4px 4px  
4px 4px #757DAA; box-shadow:4px 4px 4px  
4px #757DAA }
```

Background

The CSS property to change the background color of an element to Hex 757DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757DAA }
```

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

```
.background{ background-color:#757DAA }
```

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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