

Converting Colors

Hex(7685AE)

Have a look what the booklet for
Hex(7685AE) contains.

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Color

Hex(7685AE)

Conversions

Conversions Part 1

Format	Color
Hex	7685AE
RGB	118, 133, 174
RGB Percent	46%, 52%, 68%
CMY	0.5373, 0.4784, 0.3176
CMYK	0.32, 0.24, 0.00, 0.32
HSL	224°, 26%, 57%
HSV	224°, 32%, 68%
XYZ	23.4987, 23.6826, 43.3771
YIQ	133.1890, -22.1010, 9.5710

Conversions

Conversions Part 2

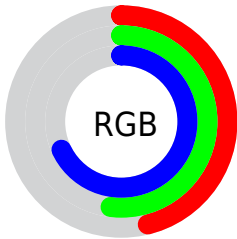
Format	Color
R_{YB}	118, 130, 174
Decimal	7767470
CIE _{Lab}	55.77, 4.47, -23.42
CIE _{LCh}	56, 23.845, 280.795
Yxy	23.6826, 0.2595, 0.2615
Android (android.graphics.Color)	4285957550 (0xFF7685AE)
YUV	133.1890, 20.1198, -13.3208
Hunter-Lab	48.6648, 1.0288, -18.7825

Details

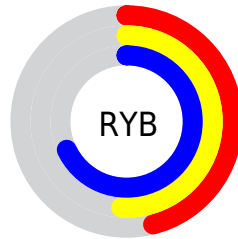
The Hex color **7685AE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AE9F76**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ABBAE6**, and **435479** is the 20% darker color. If you saturate the color by 10%, you get **6578AE**, and if you desaturate by 10%, it is **8792AE**.

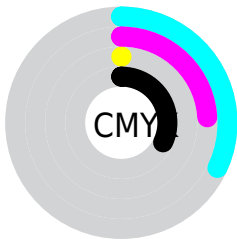
Distribution



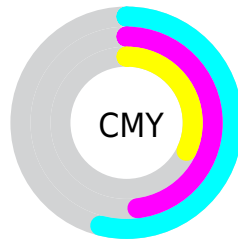
- Red (46%)
- Green (52%)
- Blue (68%)



- Red (46%)
- Yellow (51%)
- Blue (68%)



- Cyan (32%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)



- Cyan (54%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7685AE 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 7685AE by changing the saturation by 10% instead.



7685AE



7685AE

FFFFFF



5C6C93



ABBAE6



435479



C7D6FF



2B3D60



E4F2FF



112749



001332



00021D



000000



7685AE



7685AE



6578AE



8792AE

■ 536CAE

■ 999EAE

■ 425FAE

■ AAABAE

■ 3052AE

■ BCB8AE

■ 1F45AE

■ CDC5AE

■ 0E39AE

■ DED1AE

■ 002FAE

■ F0DEAE

■ FFEBAE

■ FFF8AE

Harmonies

Analogous

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



598BAC



7685AE



927EA5

Triad

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



7685AE



AC796C



5E9077

Complementary

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



7685AE



AE9F76

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.



768C66



7685AE



A0805F

Square

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



7685AE



AF767F



8D875D



4A918D

Rectangle

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



7685AE



A17A9A



8D875D



668F71

Sweetspot

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



7685AE



CCD2E3



76AE9E



656973



F2F2F2



737373

Same Dimension

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



7685AE



8AA2E3



8276AE



4E5057



002896



000617

Inverse Universe

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



AE7685



E38AA2



A2AE76



574E50



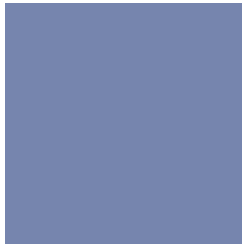
960028



170006

Previews

White Background



This preview shows how the Hex color 7685AE looks on a white background.

Color Contrast Check

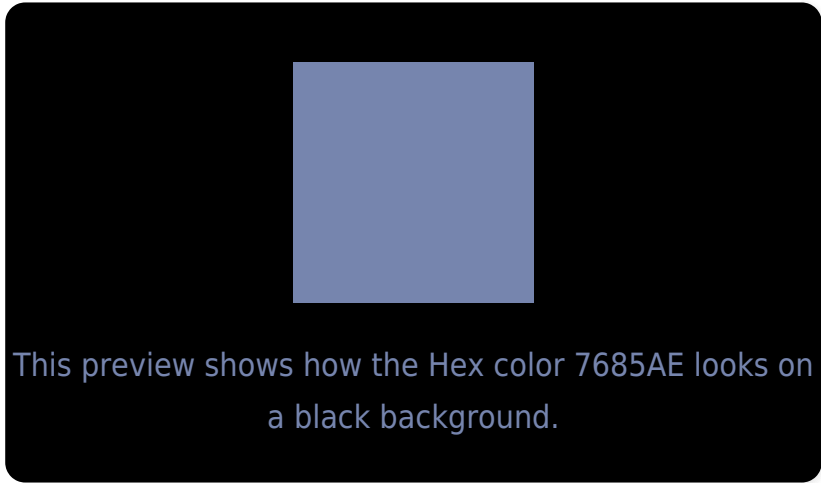
Large Text (above 18pt) WCAG AA ✓ Pass

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

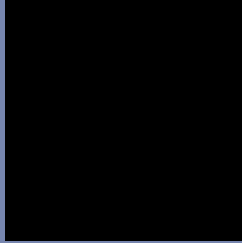
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

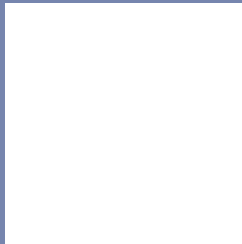
Any Text WCAG AAA × Fail

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

Hex 7685AE Background



This preview shows how black text looks on a background with the Hex color 7685AE.



This preview shows how white text looks on a background with the Hex color 7685AE.

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


7685AE

Protanopia

7A84AD

Deuteranopia

7C83AE



Tritanopia
708A95

Trichromacy



Original Color
7685AE

Protanomaly
7984AD

Deuteranomaly
7A84AE

Tritanomaly
72889E

Monochromacy



Original Color
7685AE

Achromatopsia
858585

Achromatomaly
808594

CSS Examples

Text

The CSS property to change the color of the text to Hex 7685AE 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 #7685AE looks like.

```
.text, #text, p{  
  color:#7685AE  
}
```

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 #7685AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7685AE
}
```

Border

The CSS property to change the border of an element to Hex 7685AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

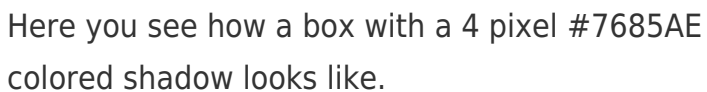
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7685AE }
```

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

```
.border{ border-color:#7685AE }
```

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



Here you see how a box with a 4 pixel #7685AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7685AE; -webkit-box-shadow:4px 4px  
4px 4px #7685AE; box-shadow:4px 4px 4px  
4px #7685AE }
```

Background

The CSS property to change the background color of an element to Hex 7685AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7685AE }
```

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

```
.background{ background-color:#7685AE }
```

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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