

Converting Colors

Hex(637AAA)

Have a look what the booklet for
Hex(637AAA) contains.

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Color

Hex(637AAA)

Conversions

Conversions Part 1

Format	Color
Hex	637AAA
RGB	99, 122, 170
RGB Percent	39%, 48%, 67%
CMY	0.6118, 0.5216, 0.3333
CMYK	0.42, 0.28, 0.00, 0.33
HSL	221°, 29%, 53%
HSV	221°, 42%, 67%
XYZ	19.3608, 19.4740, 40.7686
YIQ	120.5950, -29.1160, 10.0520

Conversions

Conversions Part 2

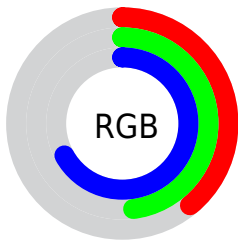
Format	Color
R_{YB}	99, 116, 170
Decimal	6519466
CIE _{Lab}	51.24, 4.38, -28.23
CIE _{LCh}	51, 28.563, 278.815
Yxy	19.4740, 0.2432, 0.2446
Android (android.graphics.Color)	4284709546 (0xFF637AAA)
YUV	120.5950, 24.3567, -18.9388
Hunter-Lab	44.1294, 1.0867, -23.8842

Details

The Hex color **637AAA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AA9363**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **98AEE1**, and **2F4A76** is the 20% darker color. If you saturate the color by 10%, you get **526FAA**, and if you desaturate by 10%, it is **7485AA**.

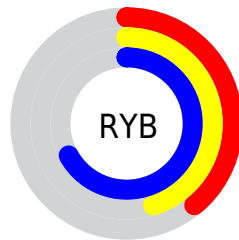
Distribution



Red (39%)

Green (48%)

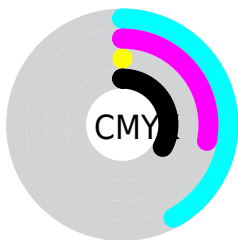
Blue (67%)



Red (39%)

Yellow (45%)

Blue (67%)

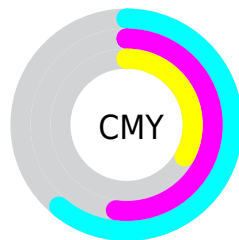


Cyan (42%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (61%)

Magenta (52%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637AAA 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 637AAA by changing the saturation by 10% instead.

■ 637AAA

■ 637AAA

FFFFFF

■ 49618F

■ 98AEE1

■ 2F4A76

■ B4CAFE

■ 12335D

■ D0E6FF

■ 001F45

■ EDFFFF

■ 00052E

■ 000119

■ 000000

■ 637AAA

■ 637AAA

■ 526FAA

■ 7485AA

4163AA

8591AA

3058AA

969CAA

1F4CAA

A7A8AA

0E41AA

B8B3AA

0037AA

C9BFAA

DACAAA

EBD6AA

FCE1AA

Harmonies

Analogous

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



3A81A7



637AAA



8671A0

Triad

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



637AAA



A76B5D



4B8668

Complementary

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



637AAA



AA9363

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.



698253



637AAA



99734D

Square

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



637AAA



A96774



837B49



2A8781

Rectangle

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



637AAA



986C94



837B49



558560

Sweetspot

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



637AAA



C1CADE



63AA92



5E6470



F0F0F0



707070

Same Dimension

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



637AAA



6F93DE



6F63AA



4C4E54



003094



000714

Inverse Universe

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



AA637A



DE6F93



9EAA63



544C4E



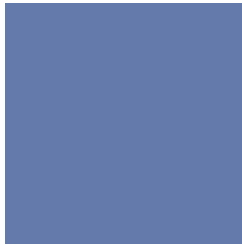
940030



140007

Previews

White Background



This preview shows how the Hex color 637AAA looks on a white background.

Color Contrast Check

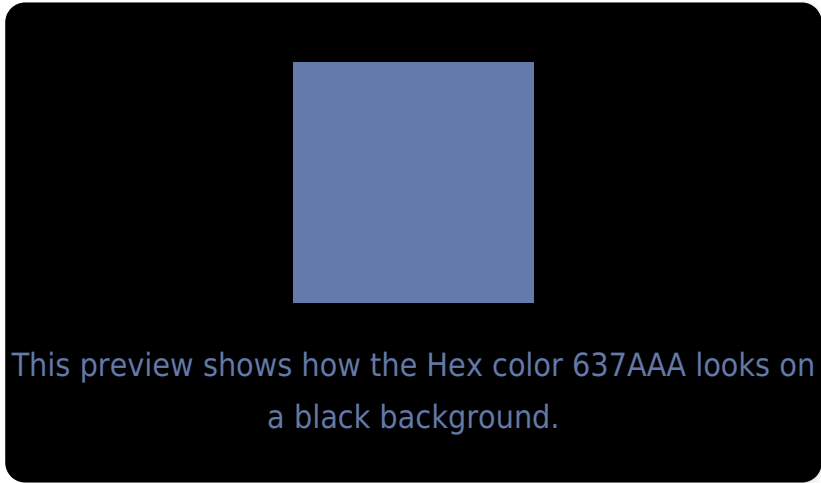
Large Text (above 18pt) WCAG AA ✓ Pass

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

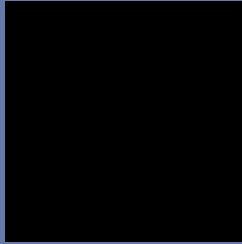
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

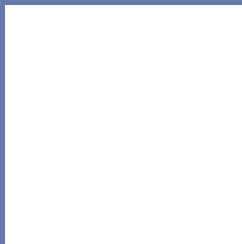
Any Text WCAG AAA × Fail

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

Hex 637AAA Background



This preview shows how black text looks on a background with the Hex color 637AAA.

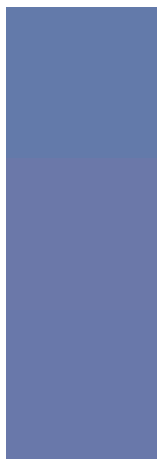


This preview shows how white text looks on a background with the Hex color 637AAA.

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

637AAA

Protanopia

6B78A9

Deuteranopia

6978AA



Tritanopia
5B808A

Trichromacy



Original Color
637AAA

Protanomaly
6879A9

Deuteranomaly
6779AA

Tritanomaly
5E7E96

Monochromacy



Original Color
637AAA

Achromatopsia
797979

Achromatomaly
71798B

CSS Examples

Text

The CSS property to change the color of the text to Hex 637AAA 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 #637AAA looks like.

```
.text, #text, p{  
    color:#637AAA  
}
```

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 #637AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637AAA
}
```

Border

The CSS property to change the border of an element to Hex 637AAA 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
#637AAA }
```

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

```
.border{ border-color:#637AAA }
```

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

Here you see how a box with a 4 pixel #637AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637AAA; -webkit-box-shadow:4px 4px  
4px 4px #637AAA; box-shadow:4px 4px 4px  
4px #637AAA }
```

Background

The CSS property to change the background color of an element to Hex 637AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637AAA }
```

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

```
.background{ background-color:#637AAA }
```

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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