

Converting Colors

Hex(667AA2)

Have a look what the booklet for
Hex(667AA2) contains.

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Color

Hex(667AA2)

Conversions

Conversions Part 1

Format	Color
Hex	667AA2
RGB	102, 122, 162
RGB Percent	40%, 48%, 64%
CMY	0.6000, 0.5216, 0.3647
CMYK	0.37, 0.25, 0.00, 0.36
HSL	220°, 24%, 52%
HSV	220°, 37%, 64%
XYZ	18.9606, 19.3525, 36.9185
YIQ	120.5800, -24.7600, 8.2000

Conversions

Conversions Part 2

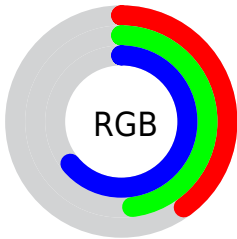
Format	Color
R_{YB}	102, 117, 162
Decimal	6716066
CIE _{Lab}	51.10, 2.94, -23.78
CIE _{LCh}	51, 23.959, 277.048
Yxy	19.3525, 0.2520, 0.2572
Android (android.graphics.Color)	4284906146 (0xFF667AA2)
YUV	120.5800, 20.4201, -16.2947
Hunter-Lab	43.9915, -0.0504, -18.9633

Details

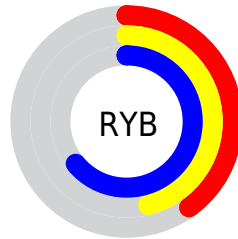
The Hex color `667AA2` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `A28E66`, and the grayscale version is `787878`.

A 20% lighter version of the original color is `9BAED9`, and `344A6E` is the 20% darker color. If you saturate the color by 10%, you get `566FA2`, and if you desaturate by 10%, it is `7685A2`.

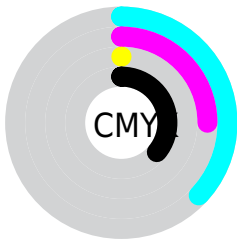
Distribution



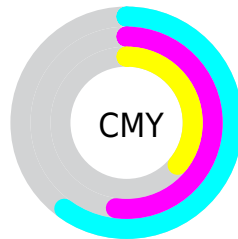
- Red (40%)
- Green (48%)
- Blue (64%)



- Red (40%)
- Yellow (46%)
- Blue (64%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 667AA2 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 667AA2 by changing the saturation by 10% instead.

■ 667AA2

■ 667AA2

FFFFFF

■ 4D6188

■ 9BAED9

■ 344A6E

■ B6CAF6

■ 1A3356

■ D2E6FF

■ 001E3E

■ EFFFFFF

■ 000428

■ 000112

■ 000000

■ 667AA2

■ 667AA2

■ 566FA2

■ 7685A2

■ 4664A2

■ 8690A2

■ 355AA2

■ 979AA2

■ 254FA2

■ A7A5A2

■ 1544A2

■ B7B0A2

■ 0539A2

■ C7BBA2

■ 0036A2

■ D7C6A2

■ E8D0A2

■ F8DBA2

Harmonies

Analogous

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



48809F



667AA2



83739A

Triad

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



667AA2



A16D62



558469

Complementary

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



667AA2



A28E66

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.



6D8059



667AA2



957355

Square

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



667AA2



A26A76



837A51



3F857E

Rectangle

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



667AA2



926E90



837A51



5D8363

Sweetspot

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



667AA2



BCC4D4



66A28E



5D626B



EBEBEB



6B6B6B

Same Dimension

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



667AA2



7796D4



7066A2



494C52



003091



000612

Inverse Universe

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



A2667A



D47796



98A266



52494C



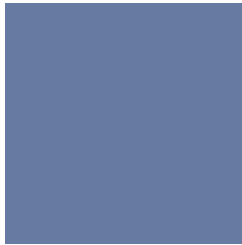
910030



120006

Previews

White Background



This preview shows how the Hex color 667AA2 looks on a white background.

Color Contrast Check

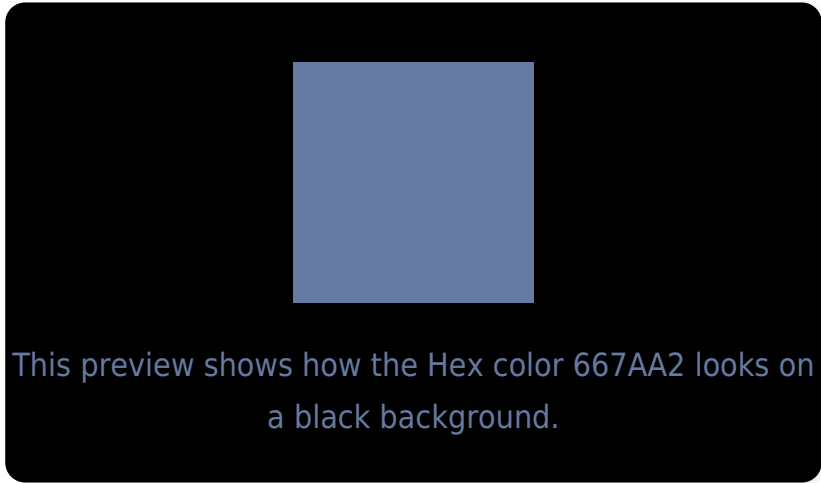
Large Text (above 18pt) WCAG AA ✓ Pass

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

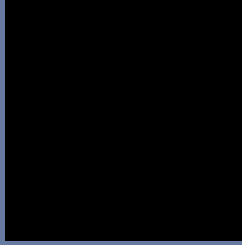
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

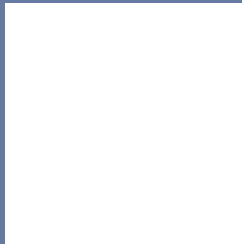
Any Text WCAG AAA × Fail

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

Hex 667AA2 Background



This preview shows how black text looks on a background with the Hex color 667AA2.



This preview shows how white text looks on a background with the Hex color 667AA2.

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

667AA2

Protanopia

6E78A0

Deuteranopia

6E78A3



Tritanopia
607F89

Trichromacy



Original Color
667AA2

Protanomaly
6B79A1

Deuteranomaly
6B79A3

Tritanomaly
627D92

Monochromacy



Original Color
667AA2

Achromatopsia
797979

Achromatomaly
727988

CSS Examples

Text

The CSS property to change the color of the text to Hex 667AA2 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 #667AA2 looks like.

```
.text, #text, p{  
    color:#667AA2  
}
```

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 #667AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667AA2
}
```

Border

The CSS property to change the border of an element to Hex 667AA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

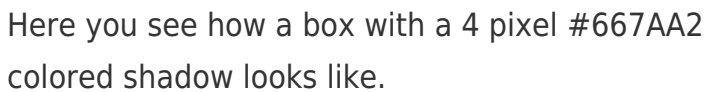
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#667AA2 }
```

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

```
.border{ border-color:#667AA2 }
```

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



Here you see how a box with a 4 pixel #667AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667AA2; -webkit-box-shadow:4px 4px  
4px 4px #667AA2; box-shadow:4px 4px 4px  
4px #667AA2 }
```

Background

The CSS property to change the background color of an element to Hex 667AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667AA2 }
```

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

```
.background{ background-color:#667AA2 }
```

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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