

Converting Colors

Hex(667BA1)

Have a look what the booklet for
Hex(667BA1) contains.

Hex(667BA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(667BA1)

Conversions

Conversions Part 1

Format	Color
Hex	667BA1
RGB	102, 123, 161
RGB Percent	40%, 48%, 63%
CMY	0.6000, 0.5176, 0.3686
CMYK	0.37, 0.24, 0.00, 0.37
HSL	219°, 24%, 52%
HSV	219°, 37%, 63%
XYZ	18.9955, 19.5639, 36.4933
YIQ	121.0530, -24.7140, 7.3660

Conversions

Conversions Part 2

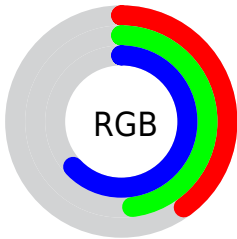
Format	Color
R_{YB}	102, 117, 161
Decimal	6716321
CIE _{Lab}	51.34, 2.07, -22.82
CIE _{LCh}	51, 22.914, 275.182
Yxy	19.5639, 0.2531, 0.2607
Android (android.graphics.Color)	4284906401 (0xFF667BA1)
YUV	121.0530, 19.6939, -16.7095
Hunter-Lab	44.2311, -0.7459, -17.9560

Details

The Hex color **667BA1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A18C66**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9BAFD8**, and **344B6D** is the 20% darker color. If you saturate the color by 10%, you get **5671A1**, and if you desaturate by 10%, it is **7685A1**.

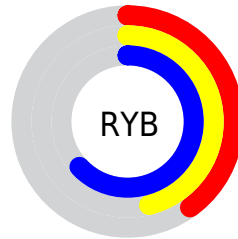
Distribution



Red (40%)

Green (48%)

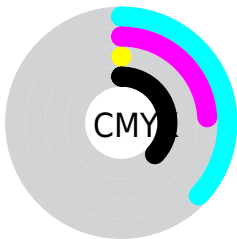
Blue (63%)



Red (40%)

Yellow (46%)

Blue (63%)

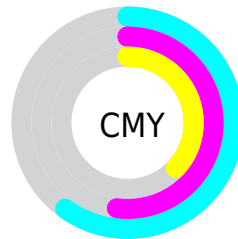


Cyan (37%)

Magenta (24%)

Yellow (0%)

Black (37%)



Cyan (60%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 667BA1 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 667BA1 by changing the saturation by 10% instead.

■ 667BA1

■ 667BA1

FFFFFF

■ 4D6287

■ 9BAFD8

■ 344B6D

■ B6CBF4

■ 1A3455

■ D2E7FF

■ 001F3D

■ EFFFFF

■ 000628

■ 000112

■ 000000

■ 667BA1

■ 667BA1

■ 5671A1

■ 7685A1

■ 4666A1

■ 8690A1

■ 365CA1

■ 969AA1

■ 2652A1

■ A6A4A1

■ 1647A1

■ B7AFA1

■ 053DA1

■ C7B9A1

■ 0039A1

■ D7C4A1

■ E7CEA1

■ F7D8A1

Harmonies

Analogous

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



4B819D



667BA1



82749A

Triad

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



667BA1



A06E65



598469

Complementary

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



667BA1



A18C66

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.



70805A



667BA1



967457

Square

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



667BA1



A16C78



857A53



44857D

Rectangle

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



667BA1



907091



857A53



608363

Sweetspot

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



667BA1



BAC2D1



66A18B



5B6069



E8E8E8



696969

Same Dimension

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



667BA1



7596D1



6E66A1



494C52



003491



000612

Inverse Universe

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



A1667B



D17596



99A166



52494C



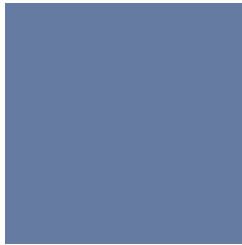
910034



120006

Previews

White Background



This preview shows how the Hex color 667BA1 looks on a white background.

Color Contrast Check

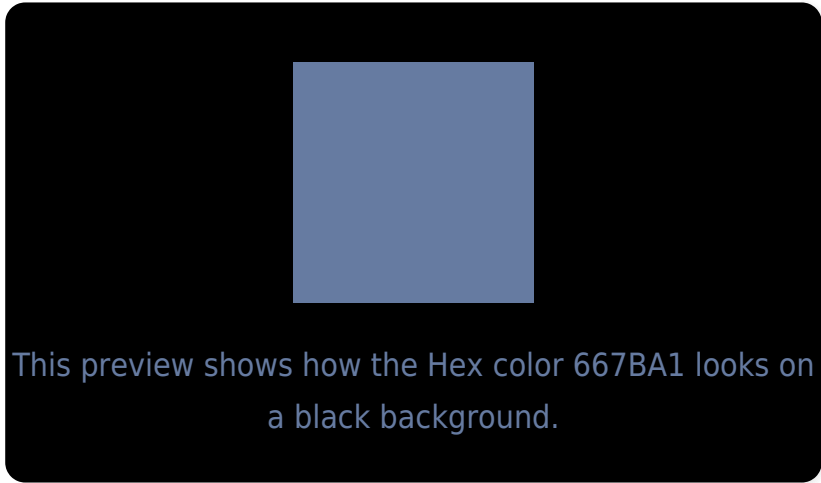
Large Text (above 18pt) WCAG AA ✓ Pass

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

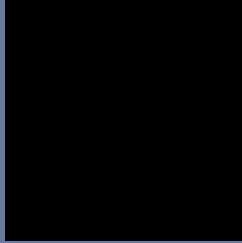
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

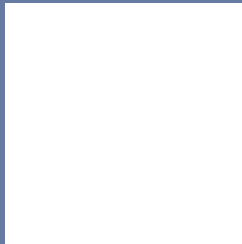
Any Text WCAG AAA × Fail

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

Hex 667BA1 Background



This preview shows how black text looks on a background with the Hex color 667BA1.



This preview shows how white text looks on a background with the Hex color 667BA1.

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
667BA1

Protanopia
70799F

Deuteranopia
7078A2



Tritanopia
607F89

Trichromacy



Original Color
667BA1

Protanomaly
6C7AA0

Deuteranomaly
6C79A2

Tritanomaly
627E92

Monochromacy



Original Color
667BA1

Achromatopsia
797979

Achromatomaly
727A88

CSS Examples

Text

The CSS property to change the color of the text to Hex 667BA1 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 #667BA1 looks like.

```
.text, #text, p{  
    color:#667BA1  
}
```

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 #667BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667BA1
}
```

Border

The CSS property to change the border of an element to Hex 667BA1 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
#667BA1 }
```

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

```
.border{ border-color:#667BA1 }
```

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

Here you see how a box with a 4 pixel #667BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667BA1; -webkit-box-shadow:4px 4px  
4px 4px #667BA1; box-shadow:4px 4px 4px  
4px #667BA1 }
```

Background

The CSS property to change the background color of an element to Hex 667BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667BA1 }
```

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

```
.background{ background-color:#667BA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor