

Converting Colors

Hex(617BA3)

Have a look what the booklet for
Hex(617BA3) contains.

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Color

Hex(617BA3)

Conversions

Conversions Part 1

Format	Color
Hex	617BA3
RGB	97, 123, 163
RGB Percent	38%, 48%, 64%
CMY	0.6196, 0.5176, 0.3608
CMYK	0.40, 0.25, 0.00, 0.36
HSL	216°, 26%, 51%
HSV	216°, 40%, 64%
XYZ	18.6236, 19.3516, 37.4040
YIQ	119.7860, -28.3360, 6.9280

Conversions

Conversions Part 2

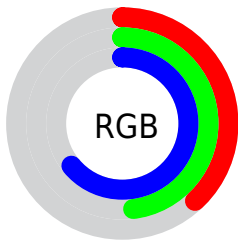
Format	Color
R_{YB}	97, 116, 163
Decimal	6388643
CIE _{Lab}	51.10, 1.20, -24.39
CIE _{LCh}	51, 24.418, 272.823
Yxy	19.3516, 0.2471, 0.2567
Android (android.graphics.Color)	4284578723 (0xFF617BA3)
YUV	119.7860, 21.3045, -19.9833
Hunter-Lab	43.9905, -1.4146, -19.6194

Details

The Hex color **617BA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A38961**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **96AFDA**, and **2E4B6F** is the 20% darker color. If you saturate the color by 10%, you get **5171A3**, and if you desaturate by 10%, it is **7185A3**.

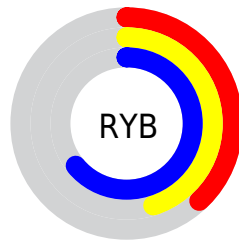
Distribution



Red (38%)

Green (48%)

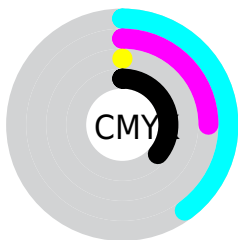
Blue (64%)



Red (38%)

Yellow (45%)

Blue (64%)

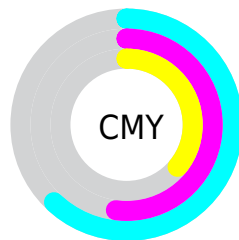


Cyan (40%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617BA3 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 617BA3 by changing the saturation by 10% instead.

■ 617BA3

■ 617BA3

FFFFFF

■ 476289

■ 96AFDA

■ 2E4B6F

■ B1CBF7

■ 123457

■ CDE7FF

■ 001F3F

■ EAFFFF

■ 000629

■ 000113

■ 000000

■ 617BA3

■ 617BA3

■ 5171A3

■ 7185A3

■ 4067A3

■ 828FA3

■ 305DA3

■ 9299A3

■ 2053A3

■ A2A3A3

■ 104AA3

■ B3ACA3

■ 0040A3

■ C3B6A3

■ D3C0A3

■ E3CAA3

■ F4D4A3

Harmonies

Analogous

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



43819E



617BA3



7F749D

Triad

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



617BA3



A26C64



588366

Complementary

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



617BA3



A38961

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.



707F56



617BA3



987255

Square

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



617BA3



A26A78



867950



40857B

Rectangle

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



617BA3



8F6F93



867950



608260

Sweetspot

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



617BA3



BAC4D4



61A389



5C626B



EBEBEB



6B6B6B

Same Dimension

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



617BA3



6C95D4



6861A3



494D52



003991



000712

Inverse Universe

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



A3617B



D46C95



9CA361



52494D



910039



120007

Previews

White Background



This preview shows how the Hex color 617BA3 looks on a white background.

Color Contrast Check

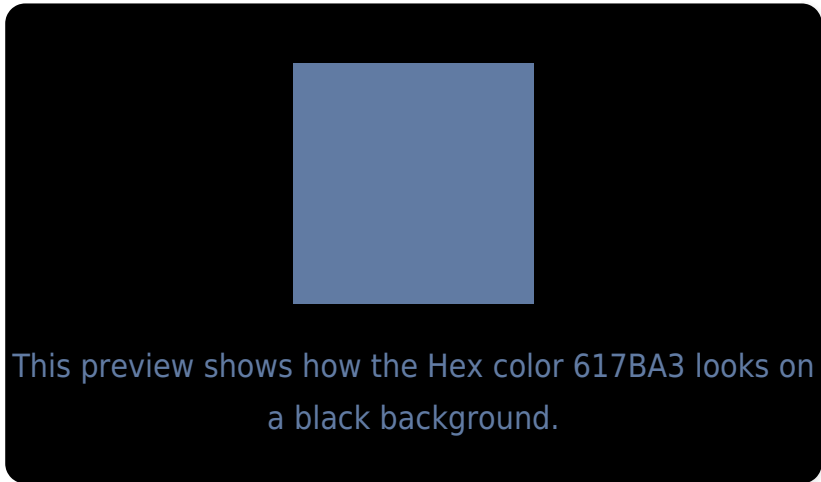
Large Text (above 18pt) WCAG AA ✓ Pass

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

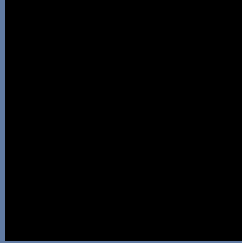
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

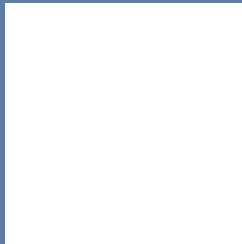
Any Text WCAG AAA × Fail

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

Hex 617BA3 Background



This preview shows how black text looks on a background with the Hex color 617BA3.

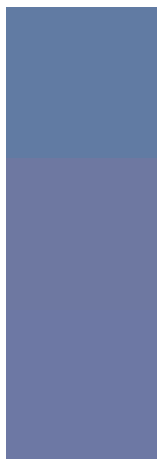


This preview shows how white text looks on a background with the Hex color 617BA3.

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
617BA3

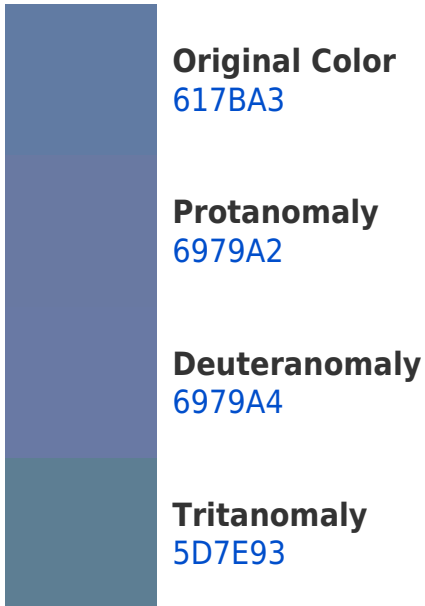
Protanopia
6E78A1

Deuteranopia
6D78A4



Tritanopia
5A808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 617BA3 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 #617BA3 looks like.

```
.text, #text, p{  
    color:#617BA3  
}
```

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 #617BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617BA3
}
```

Border

The CSS property to change the border of an element to Hex 617BA3 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
#617BA3 }
```

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

```
.border{ border-color:#617BA3 }
```

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

Here you see how a box with a 4 pixel #617BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617BA3; -webkit-box-shadow:4px 4px  
4px 4px #617BA3; box-shadow:4px 4px 4px  
4px #617BA3 }
```

Background

The CSS property to change the background color of an element to Hex 617BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617BA3 }
```

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

```
.background{ background-color:#617BA3 }
```

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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