

Converting Colors

Hex(617BA4)

Have a look what the booklet for
Hex(617BA4) contains.

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Color

Hex(617BA4)

Conversions

Conversions Part 1

Format	Color
Hex	617BA4
RGB	97, 123, 164
RGB Percent	38%, 48%, 64%
CMY	0.6196, 0.5176, 0.3569
CMYK	0.41, 0.25, 0.00, 0.36
HSL	217°, 27%, 51%
HSV	217°, 41%, 64%
XYZ	18.7136, 19.3876, 37.8778
YIQ	119.9000, -28.6570, 7.2390

Conversions

Conversions Part 2

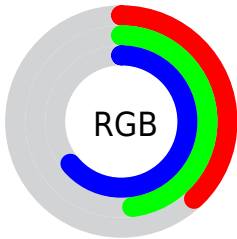
Format	Color
R _Y B	97, 116, 164
Decimal	6388644
CIE Lab	51.14, 1.49, -24.91
CIE LCh	51, 24.950, 273.425
Yxy	19.3876, 0.2463, 0.2552
Android (android.graphics.Color)	4284578724 (0xFF617BA4)
YUV	119.9000, 21.7413, -20.0833
Hunter-Lab	44.0314, -1.1916, -20.1820

Details

The Hex color **617BA4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A48A61**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **96AFDB**, and **2E4B70** is the 20% darker color. If you saturate the color by 10%, you get **5171A4**, and if you desaturate by 10%, it is **7185A4**.

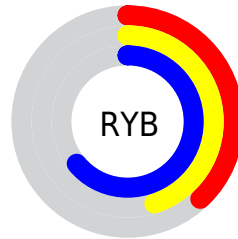
Distribution



Red (38%)

Green (48%)

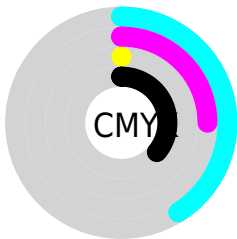
Blue (64%)



Red (38%)

Yellow (45%)

Blue (64%)

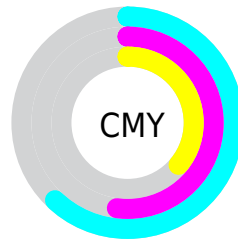


Cyan (41%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617BA4 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 617BA4 by changing the saturation by 10% instead.

■ 617BA4

■ 617BA4

FFFFFF

■ 47628A

■ 96AFDB

■ 2E4B70

■ B1CBF8

■ 113457

■ CEE7FF

■ 001F40

■ EAFFFF

■ 00062A

■ 000114

■ 000000

■ 617BA4

■ 617BA4

■ 5171A4

■ 7185A4

■ 4067A4

■ 828FA4

■ 305DA4

■ 9299A4

■ 1F53A4

■ A3A3A4

■ 0F49A4

■ B3ADA4

■ 0040A4

■ C3B7A4

■ D4C1A4

■ E4CBA4

■ F5D5A4

Harmonies

Analogous

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



42819F



617BA4



80739D

Triad

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



617BA4



A36C63



568466

Complementary

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



617BA4



A48A61

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.



6F8056



617BA4



987254

Square

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



617BA4



A36A78



86794F



3E867C

Rectangle

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



617BA4



906F93



86794F



5F8360

Sweetspot

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



617BA4



BCC6D6



61A489



5C626B



EBEBEB



6B6B6B

Same Dimension

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



617BA4



6D96D6



6861A4



494D52



003891



000712

Inverse Universe

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



A4617B



D66D96



9DA461



52494D



910038



120007

Previews

White Background



This preview shows how the Hex color 617BA4 looks on a white background.

Color Contrast Check

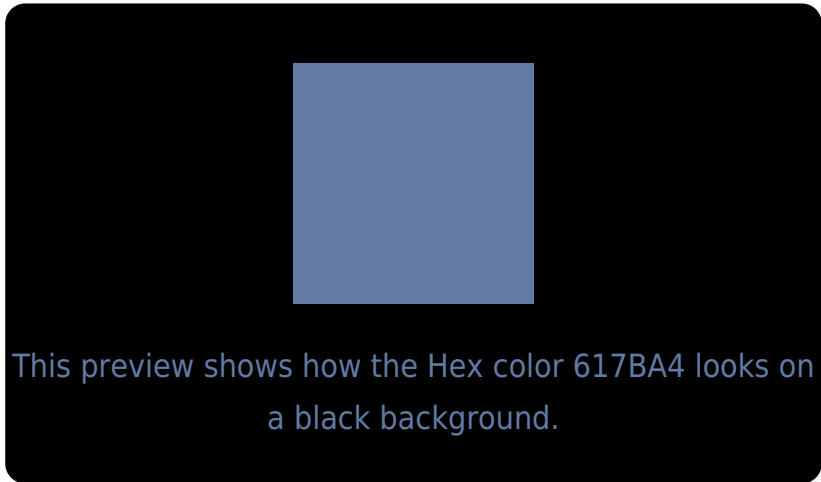
Large Text (above 18pt) WCAG AA ✓ Pass

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

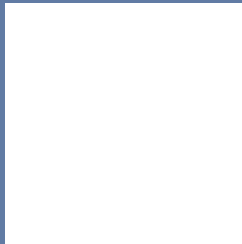
Any Text WCAG AAA × Fail

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

Hex 617BA4 Background



This preview shows how black text looks on a background with the Hex color 617BA4.

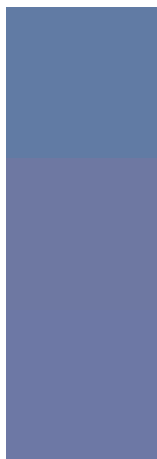


This preview shows how white text looks on a background with the Hex color 617BA4.

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
617BA4

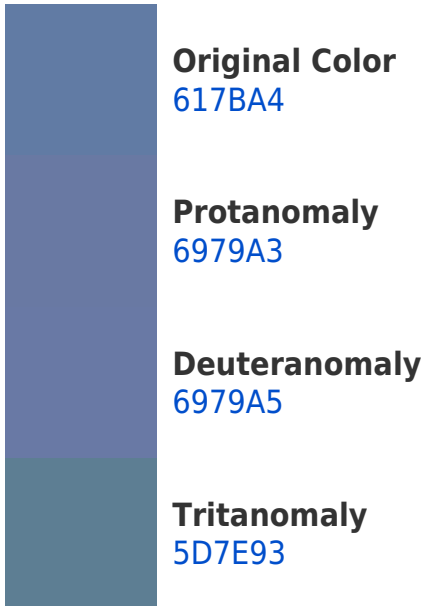
Protanopia
6E78A2

Deuteranopia
6D78A5



Tritanopia
5A808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 617BA4 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 #617BA4 looks like.

```
.text, #text, p{  
    color:#617BA4  
}
```

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 #617BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617BA4
}
```

Border

The CSS property to change the border of an element to Hex 617BA4 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
#617BA4 }
```

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

```
.border{ border-color:#617BA4 }
```

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

Here you see how a box with a 4 pixel #617BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617BA4; -webkit-box-shadow:4px 4px  
4px 4px #617BA4; box-shadow:4px 4px 4px  
4px #617BA4 }
```

Background

The CSS property to change the background color of an element to Hex 617BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617BA4 }
```

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

```
.background{ background-color:#617BA4 }
```

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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