

Converting Colors

Hex(618BBA)

Have a look what the booklet for
Hex(618BBA) contains.

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Color

Hex(618BBA)

Conversions

Conversions Part 1

Format	Color
Hex	618BBA
RGB	97, 139, 186
RGB Percent	38%, 55%, 73%
CMY	0.6196, 0.4549, 0.2706
CMYK	0.48, 0.25, 0.00, 0.27
HSL	212°, 39%, 55%
HSV	212°, 48%, 73%
XYZ	23.0253, 24.5518, 49.9798
YIQ	131.8000, -40.1190, 5.7130

Conversions

Conversions Part 2

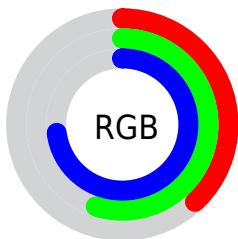
Format	Color
R _Y B	97, 126, 186
Decimal	6392762
CIE Lab	56.64, -1.39, -29.04
CIE LCh	57, 29.078, 267.251
Yxy	24.5518, 0.2360, 0.2517
Android (android.graphics.Color)	4284582842 (0xFF618BBA)
YUV	131.8000, 26.7206, -30.5196
Hunter-Lab	49.5498, -3.7648, -25.1197

Details

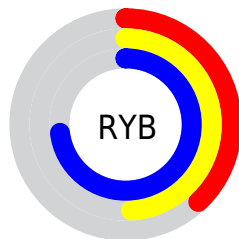
The Hex color **618BBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA9061**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **98C0F2**, and **295985** is the 20% darker color. If you saturate the color by 10%, you get **4E81BA**, and if you desaturate by 10%, it is **7495BA**.

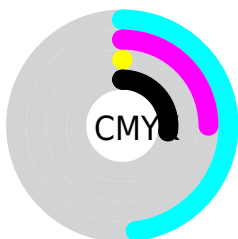
Distribution



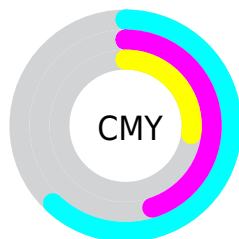
- Red (38%)
- Green (55%)
- Blue (73%)



- Red (38%)
- Yellow (49%)
- Blue (73%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (62%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618BBA 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 618BBA by changing the saturation by 10% instead.

■ 618BBA

■ 618BBA

FFFFFF

■ 46729F

■ 98C0F2

■ 295985

■ B4DCFF

■ 00426B

■ D0F9FF

■ 002C53

■ EDFFFF

■ 00183B

■ 000225

■ 00010E

■ 000000

■ 618BBA

■ 618BBA

■ 4E81BA

■ 7495BA

■ 3C77BA

■ 869FBA

■ 296EBA

■ 99A8BA

■ 1764BA

■ ABB2BA

■ 045ABA

■ BEBCBA

■ 0058BA

■ D1C6BA

■ E3D0BA

■ F6DABA

■ FFE3BA

Harmonies

Analogous

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



3A92B2



618BBA



8882B5

Triad

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



618BBA



B97672



63936C

Complementary

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



618BBA



BA9061

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.



818D5A



618BBA



AF7D5E

Square

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



618BBA



B7758B



9B8555



449585

Rectangle

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



618BBA



9D7CAA



9B8555



6E9165

Sweetspot

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



618BBA



D0E0F2



61BA8F



666F7A



FAFAFA



7A7A7A

Same Dimension

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



618BBA



68A9F2



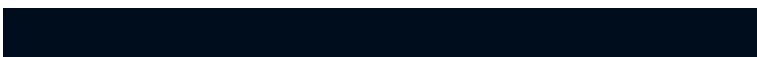
6261BA



53575C



00499C



000D1C

Inverse Universe

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



BA618B



F268A9



B9BA61



5C5357



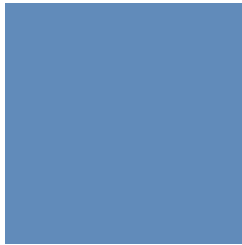
9C0049



1C000D

Previews

White Background



This preview shows how the Hex color 618BBA looks on a white background.

Color Contrast Check

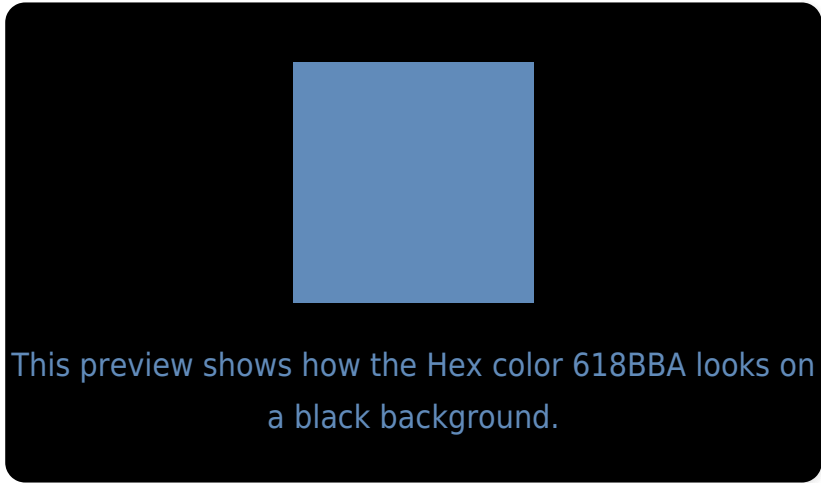
Large Text (above 18pt) WCAG AA ✓ Pass

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

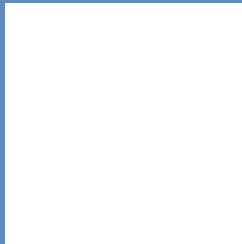
Any Text WCAG AAA × Fail

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

Hex 618BBA Background



This preview shows how black text looks on a background with the Hex color 618BBA.

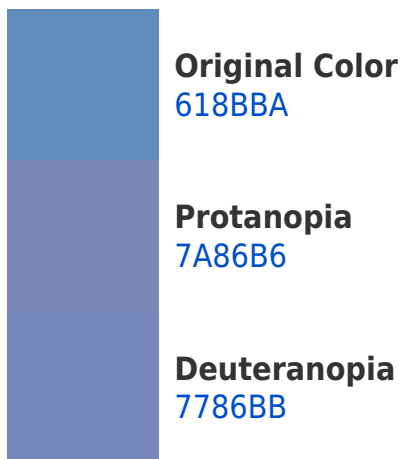



This preview shows how white text looks on a background with the Hex color 618BBA.

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](#).

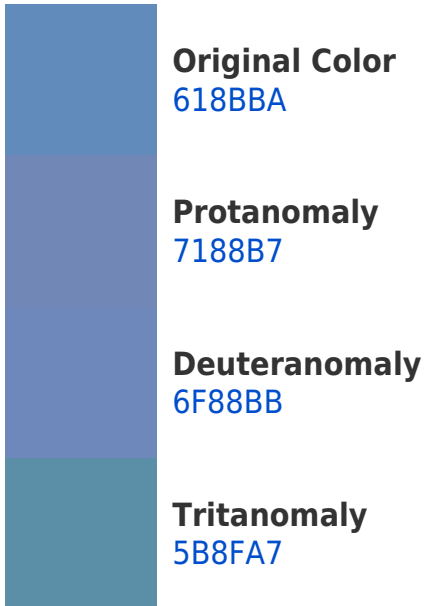
Dichromacy





Tritanopia
58919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 618BBA 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 #618BBA looks like.

```
.text, #text, p{  
    color:#618BBA  
}
```

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 #618BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618BBA
}
```

Border

The CSS property to change the border of an element to Hex 618BBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

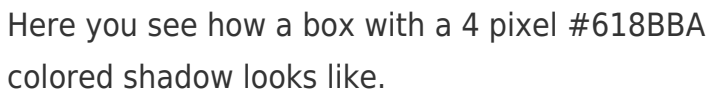
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#618BBA }
```

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

```
.border{ border-color:#618BBA }
```

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



Here you see how a box with a 4 pixel #618BBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618BBA; -webkit-box-shadow:4px 4px  
4px 4px #618BBA; box-shadow:4px 4px 4px  
4px #618BBA }
```

Background

The CSS property to change the background color of an element to Hex 618BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618BBA }
```

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

```
.background{ background-color:#618BBA }
```

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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