

Converting Colors

Hex(618CDB)

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

Hex(618CDB)	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(618CDB)

Conversions

Conversions Part 1

Format	Color
Hex	618CDB
RGB	97, 140, 219
RGB Percent	38%, 55%, 86%
CMY	0.6196, 0.4510, 0.1412
CMYK	0.56, 0.36, 0.00, 0.14
HSL	219°, 63%, 62%
HSV	219°, 56%, 86%
XYZ	27.0940, 26.4120, 70.6879
YIQ	136.1490, -50.9870, 15.4530

Conversions

Conversions Part 2

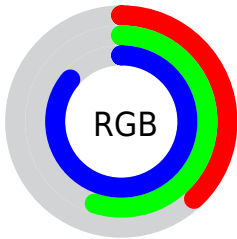
Format	Color
R _Y B	97, 129, 219
Decimal	6393051
CIE Lab	58.43, 8.26, -44.86
CIE LCh	58, 45.611, 280.437
Yxy	26.4120, 0.2182, 0.2127
Android (android.graphics.Color)	4284583131 (0xFF618CDB)
YUV	136.1490, 40.8455, -34.3337
Hunter-Lab	51.3926, 4.1675, -45.5754

Details

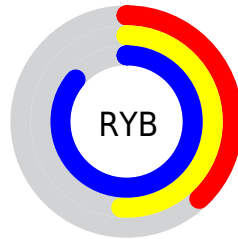
The Hex color **618CDB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DBB061**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9BC1FF**, and **1E5AA4** is the 20% darker color. If you saturate the color by 10%, you get **4B7EDB**, and if you desaturate by 10%, it is **779ADB**.

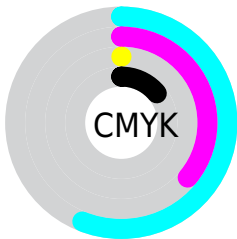
Distribution



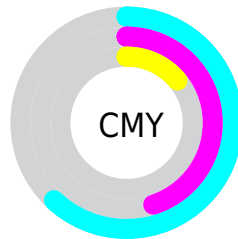
- Red (38%)
- Green (55%)
- Blue (86%)



- Red (38%)
- Yellow (51%)
- Blue (86%)



- Cyan (56%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (62%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

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

■ 618CDB

■ 618CDB

FFFFFF

■ 4373BF

■ 9BC1FF

■ 1E5AA4

■ B8DDFF

■ 004389

■ D5F9FF

■ 002E6F

■ F3FFFF

■ 001A56

■ 00053E

■ 000328

■ 000111

■ 000000

■ 618CDB

■ 618CDB

■ 4B7EDB

■ 779ADB

■ 3570DB

■ 8DA8DB

■ 1F61DB

■ A3B7DB

■ 0953DB

■ B9C5DB

■ 004DDB

■ CFD3DB

■ E4E1DB

■ FAEFDB

■ FFFDDB

■ FFFFDB

Harmonies

Analogous

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



0098D7



618CDB



A27CCA

Triad

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



618CDB



D1725B



2B9F70

Complementary

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



618CDB



DBB061

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.



6B994D



618CDB



B98140

Square

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



618CDB



D76A80



968F3A



00A19A

Rectangle

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



618CDB



BE72B5



968F3A



469D63

Sweetspot

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



618CDB



D4E3FF



61DBAE



666F80



000000



808080

Same Dimension

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



618CDB



5490FF



7161DB



63676E



003DAD



00102E

Inverse Universe

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



DB618C



FF5490



CBDB61



6E6367



AD003D



2E0010

Previews

White Background



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

Color Contrast Check

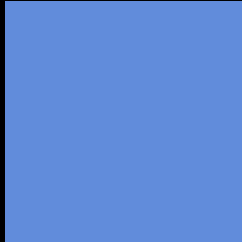
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 618CDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

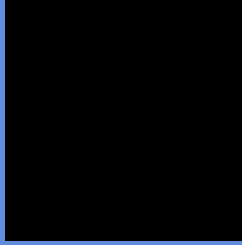
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

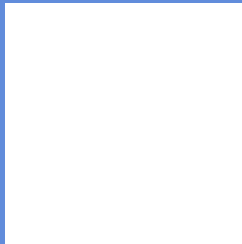
Any Text WCAG AAA × Fail

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

Hex 618CDB Background



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



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

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
618CDB

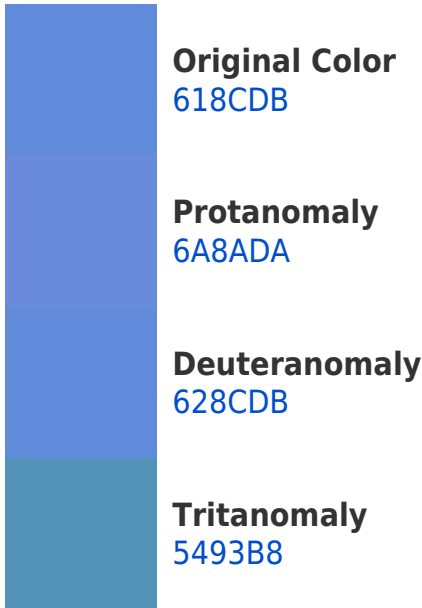
Protanopia
6F89D9

Deuteranopia
628CDB

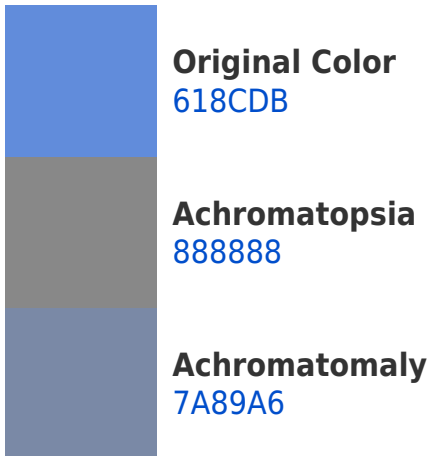


Tritanopia
4C97A4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #618CDB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 618CDB 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
#618CDB }
```

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

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

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

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

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

Background

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

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

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

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

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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