

Converting Colors

Hex(648EDB)

Have a look what the booklet for
Hex(648EDB) contains.

| | |
|------------------------------------------------|----|
| Hex(648EDB) | 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(648EDB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 648EDB |
| RGB | 100, 142, 219 |
| RGB Percent | 39%, 56%, 86% |
| CMY | 0.6078, 0.4431, 0.1412 |
| CMYK | 0.54, 0.35, 0.00, 0.14 |
| HSL | 219°, 62%, 63% |
| HSV | 219°, 54%, 86% |
| XYZ | 27.7147, 27.1698, 70.8014 |
| YIQ | 138.2200, -49.7490, 15.0430 |

Conversions

Conversions Part 2

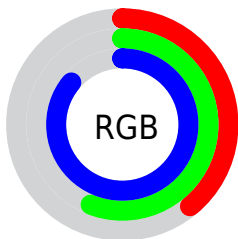
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 100, 131, 219 |
| Decimal | 6590171 |
| CIE Lab | 59.13, 7.72, -43.73 |
| CIE LCh | 59, 44.409, 280.008 |
| Yxy | 27.1698, 0.2205, 0.2162 |
| Android (android.graphics.Color) | 4284780251 (0xFF648EDB) |
| YUV | 138.2200, 39.8245, -33.5189 |
| Hunter-Lab | 52.1247, 3.6904, -44.0469 |

Details

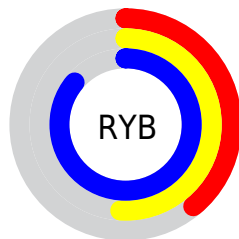
The Hex color **648EDB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DBB164**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9EC3FF**, and **245CA4** is the 20% darker color. If you saturate the color by 10%, you get **4E80DB**, and if you desaturate by 10%, it is **7A9CDB**.

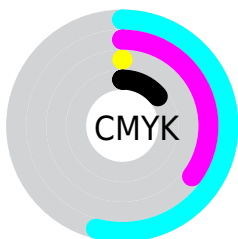
Distribution



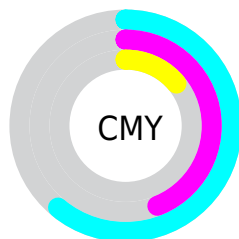
- Red (39%)
- Green (56%)
- Blue (86%)



- Red (39%)
- Yellow (51%)
- Blue (86%)



- Cyan (54%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (61%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648EDB 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 648EDB by changing the saturation by 10% instead.

 648EDB

 648EDB

FFFFFF

 4675BF

 9EC3FF

 245CA4

 BBDFFF

 004589

 D8FCFF


 002F6F

 F6FFFF

 001C56

 00033F

 000328

 000111

 000000

■ 648EDB

■ 648EDB

■ 4E80DB

■ 7A9CDB

■ 3872DB

■ 90AADB

■ 2263DB

■ A6B9DB

■ 0C55DB

■ BCC7DB

■ 004DDB

■ D2D5DB

■ E7E3DB

■ FDF1DB

■ FFFFDB

Harmonies

Analogous

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



009AD7



648EDB



A27FCA

Triad

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



648EDB



D2755E



34A072

Complementary

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



648EDB



DBB164

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.



6F9A50



648EDB



BB8344

Square

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



648EDB



D86D83



99903E



00A29B

Rectangle

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



648EDB



BE75B6



99903E



4B9F66

Sweetspot

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



648EDB



D6E5FF



64DBAF



677080



000000



808080

Same Dimension

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



648EDB



5994FF



7464DB



63676E



003DAD



00102E

Inverse Universe

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



DB648E



FF5994



CBDB64



6E6367



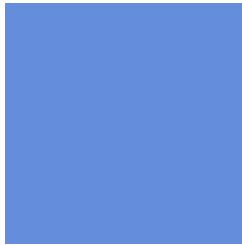
AD003D



2E0010

Previews

White Background



This preview shows how the Hex color 648EDB looks on a white background.

Color Contrast Check

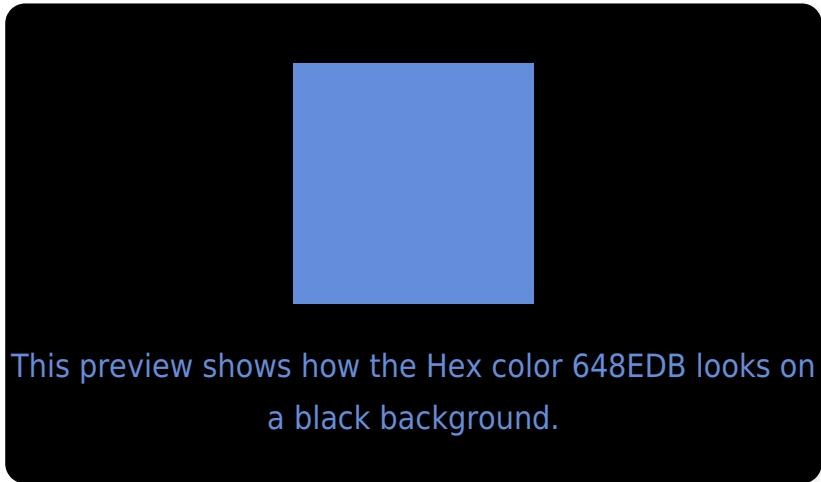
Large Text (above 18pt) WCAG AA ✓ Pass

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

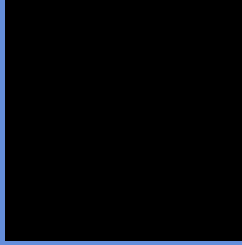
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

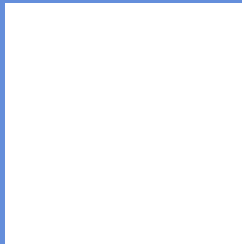
Any Text WCAG AAA × Fail

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

Hex 648EDB Background



This preview shows how black text looks on a background with the Hex color 648EDB.



This preview shows how white text looks on a background with the Hex color 648EDB.

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](#).

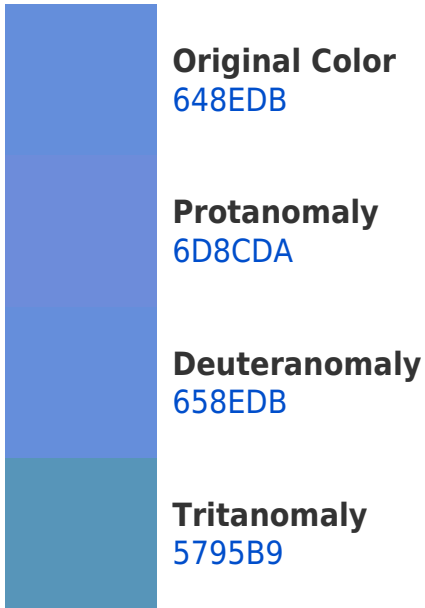
Dichromacy



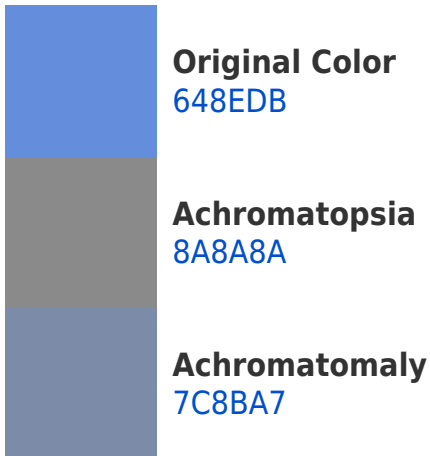


Tritanopia
5099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648EDB 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 #648EDB looks like.

```
.text, #text, p{  
    color:#648EDB  
}
```

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 #648EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648EDB
}
```

Border

The CSS property to change the border of an element to Hex 648EDB is called "border". The border property can be set on classes, ids or directly on the HTML element.

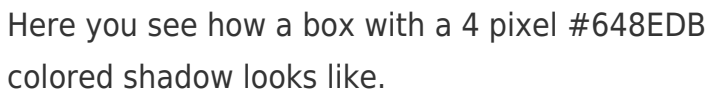
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#648EDB }
```

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

```
.border{ border-color:#648EDB }
```

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



Here you see how a box with a 4 pixel #648EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648EDB; -webkit-box-shadow:4px 4px  
4px 4px #648EDB; box-shadow:4px 4px 4px  
4px #648EDB }
```

Background

The CSS property to change the background color of an element to Hex 648EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648EDB }
```

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

```
.background{ background-color:#648EDB }
```

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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