

Converting Colors

Hex(645DB4)

Have a look what the booklet for
Hex(645DB4) contains.

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Color

Hex(645DB4)

Conversions

Conversions Part 1

Format	Color
Hex	645DB4
RGB	100, 93, 180
RGB Percent	39%, 36%, 71%
CMY	0.6078, 0.6353, 0.2941
CMYK	0.44, 0.48, 0.00, 0.29
HSL	245°, 37%, 54%
HSV	245°, 48%, 71%
XYZ	17.4081, 13.8333, 44.9326
YIQ	105.0110, -23.7550, 28.5410

Conversions

Conversions Part 2

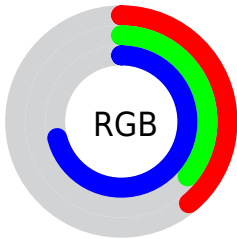
Format	Color
R _Y B	100, 93, 180
Decimal	6577588
CIE Lab	43.99, 25.36, -45.46
CIE LCh	44, 52.059, 299.152
Yxy	13.8333, 0.2285, 0.1816
Android (android.graphics.Color)	4284767668 (0xFF645DB4)
YUV	105.0110, 36.9696, -4.3946
Hunter-Lab	37.1932, 18.4581, -45.5923

Details

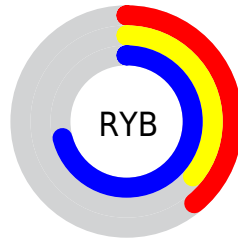
The Hex color **645DB4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ADB45D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9B8FEC**, and **2D2F7E** is the 20% darker color. If you saturate the color by 10%, you get **534BB4**, and if you desaturate by 10%, it is **756FB4**.

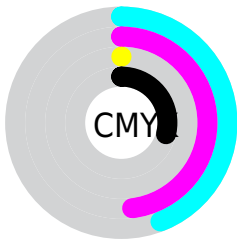
Distribution



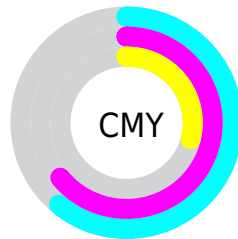
- Red (39%)
- Green (36%)
- Blue (71%)



- Red (39%)
- Yellow (36%)
- Blue (71%)



- Cyan (44%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (64%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645DB4 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 645DB4 by changing the saturation by 10% instead.

■ 645DB4

■ 645DB4

FFFFFF

■ 494599

■ 9B8FEC

■ 2D2F7E

■ B7AAFF

■ 071A65

■ D4C5FF

■ 00034C

■ F1E1FF

■ 000535

FFFEFF

■ 00021F

■ 000002

■ 000000

■ 645DB4

■ 645DB4

534BB4

756FB4

4339B4

8581B4

3227B4

9693B4

2215B4

A6A5B4

1103B4

B7B7B4

0E00B4

C7C9B4

D8DBB4

E8EDB4

F9FFB4

Harmonies

Analogous

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



006EBF



645DB4



9A4995

Triad

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



645DB4



9F541B



007C65

Complementary

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



645DB4



ADB45D

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.



007939



645DB4



7E6600

Square

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



645DB4



B24241



537210



007C91

Rectangle

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



645DB4



AE3E7A



537210



007B56

Sweetspot

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



645DB4



CAC7EB



5DAEB4



626075



F5F5F5



757575

Same Dimension

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



645DB4



6D63EB



8E5DB4



515059



0C0099



02001A

Inverse Universe

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



B45DAD



EB63E0



83B45D



595059



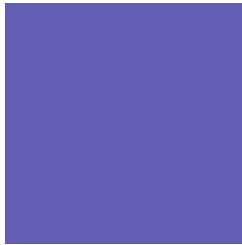
99008D



1A0017

Previews

White Background



This preview shows how the Hex color 645DB4 looks on a white 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

Black Background



This preview shows how the Hex color 645DB4 looks on a black 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

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

Hex 645DB4 Background



This preview shows how black text looks on a background with the Hex color 645DB4.

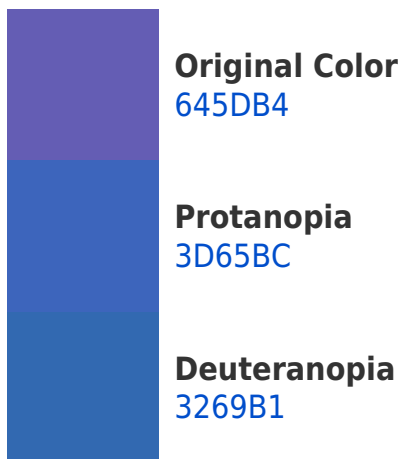


This preview shows how white text looks on a background with the Hex color 645DB4.

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](#).

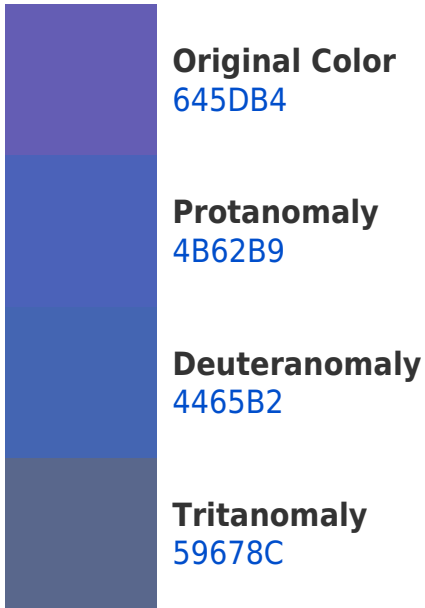
Dichromacy





Tritanopia
536C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 645DB4 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 #645DB4 looks like.

```
.text, #text, p{  
    color:#645DB4  
}
```

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 #645DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645DB4
}
```

Border

The CSS property to change the border of an element to Hex 645DB4 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
#645DB4 }
```

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

```
.border{ border-color:#645DB4 }
```

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

Here you see how a box with a 4 pixel #645DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645DB4; -webkit-box-shadow:4px 4px  
4px 4px #645DB4; box-shadow:4px 4px 4px  
4px #645DB4 }
```

Background

The CSS property to change the background color of an element to Hex 645DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645DB4 }
```

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

```
.background{ background-color:#645DB4 }
```

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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