

Converting Colors

Hex(6649B4)

Have a look what the booklet for
Hex(6649B4) contains.

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Color

Hex(6649B4)

Conversions

Conversions Part 1

Format	Color
Hex	6649B4
RGB	102, 73, 180
RGB Percent	40%, 29%, 71%
CMY	0.6000, 0.7137, 0.2941
CMYK	0.43, 0.59, 0.00, 0.29
HSL	256°, 42%, 50%
HSV	256°, 59%, 71%
XYZ	16.1003, 10.8852, 44.4325
YIQ	93.8690, -17.0630, 39.4250

Conversions

Conversions Part 2

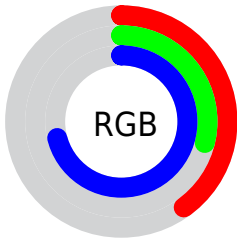
Format	Color
R_{YB}	102, 73, 180
Decimal	6703540
CIE Lab	39.39, 37.92, -52.85
CIE LCh	39, 65.048, 305.657
Yxy	10.8852, 0.2254, 0.1524
Android (android.graphics.Color)	4284893620 (0xFF6649B4)
YUV	93.8690, 42.4626, 7.1309
Hunter-Lab	32.9927, 29.3700, -56.7533

Details

The Hex color **6649B4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **97B449**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9E7BED**, and **2D1B7E** is the 20% darker color. If you saturate the color by 10%, you get **5937B4**, and if you desaturate by 10%, it is **735BB4**.

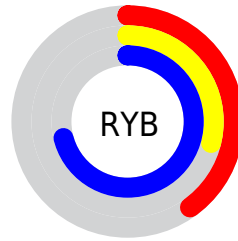
Distribution



Red (40%)

Green (29%)

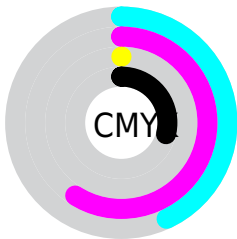
Blue (71%)



Red (40%)

Yellow (29%)

Blue (71%)

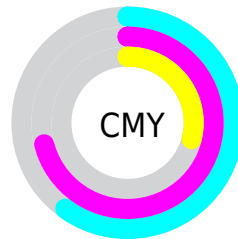


Cyan (43%)

Magenta (59%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (71%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6649B4 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 6649B4 by changing the saturation by 10% instead.

6649B4

6649B4

FFFFFF

4A3199

9E7BED

2D1B7E

BA95FF

050465

D7B0FF

00004C

F5CCFF

000434

FFE8FF

00021E

000000

6649B4

6649B4

5937B4

735BB4

 4C25B4

 806DB4

 3F13B4

 8D7FB4

 3201B4

 9A91B4

 3100B4

 A8A3B4

 B5B5B4

 C2C7B4

 CFD9B4

 DCEBB4

Harmonies

Analogous

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



0061C8



6649B4



A2268A

Triad

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



6649B4



934900



007366

Complementary

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



6649B4



97B449

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.



00702E



6649B4



695E00

Square

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



6649B4



AF2922



2E6A00



00739A

Rectangle

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



6649B4



B30C67



2E6A00



007253

Sweetspot

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



6649B4



CCC0EB



4997B4



625B75



F5F5F5



757575

Same Dimension

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



6649B4



7144EB



9B49B4



535059



290099



07001A

Inverse Universe

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



B44997



EB44BD



62B449



595057



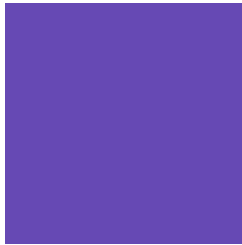
990070



1A0013

Previews

White Background



This preview shows how the Hex color 6649B4 looks on a white background.

Color Contrast Check

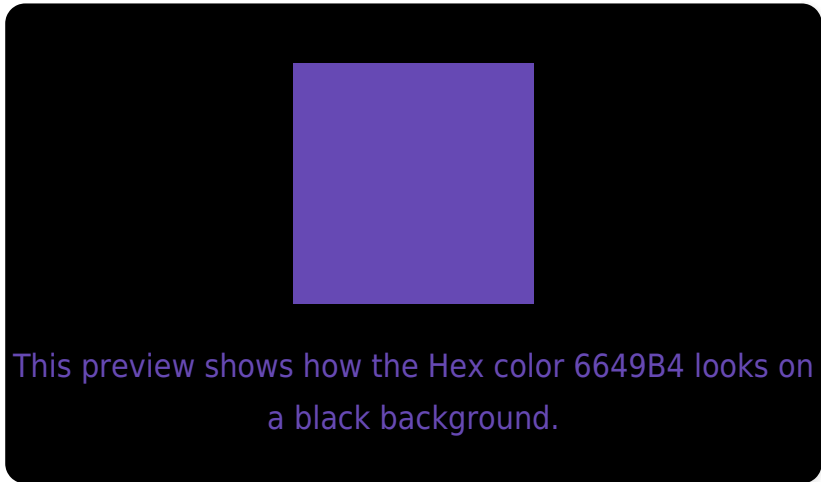
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

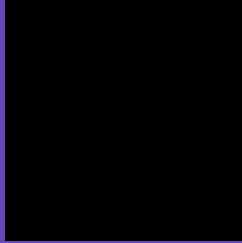
Any Text WCAG AA × Fail

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 6649B4 Background



This preview shows how black text looks on a background with the Hex color 6649B4.

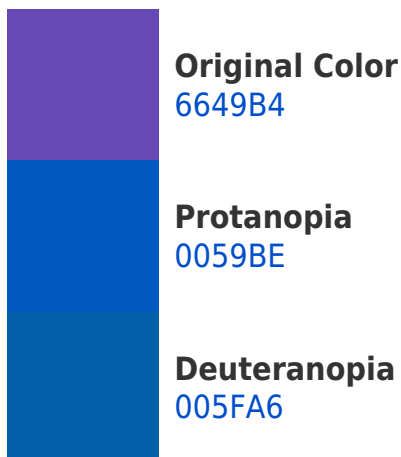


This preview shows how white text looks on a background with the Hex color 6649B4.

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](#).

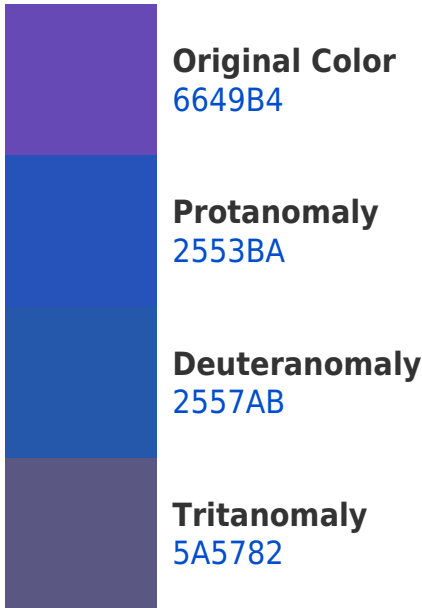
Dichromacy





Tritanopia
535F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6649B4 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 #6649B4 looks like.

```
.text, #text, p{  
    color:#6649B4  
}
```

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 #6649B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6649B4
}
```

Border

The CSS property to change the border of an element to Hex 6649B4 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".

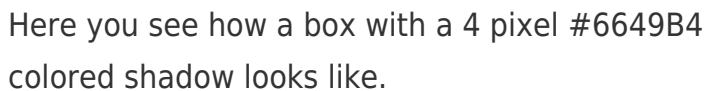
```
.border, #border, table{ border:4px solid
#6649B4 }
```

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

```
.border{ border-color:#6649B4 }
```

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

Here you see how a box with a 4 pixel #6649B4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6649B4; -webkit-box-shadow:4px 4px  
4px 4px #6649B4; box-shadow:4px 4px 4px  
4px #6649B4 }
```

Background

The CSS property to change the background color of an element to Hex 6649B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6649B4 }
```

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

```
.background{ background-color:#6649B4 }
```

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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