

# Converting Colors

Hex(6249BD)

Have a look what the booklet for  
Hex(6249BD) contains.

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# Color

**Hex(6249BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6249BD
RGB	98, 73, 189
RGB Percent	38%, 29%, 74%
CMY	0.6157, 0.7137, 0.2588
CMYK	0.48, 0.61, 0.00, 0.26
HSL	253°, 47%, 51%
HSV	253°, 61%, 74%
XYZ	16.6049, 11.0359, 49.3991
YIQ	93.6990, -22.3360, 41.3760

# Conversions

## Conversions Part 2

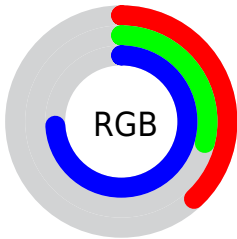
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 73, 189
Decimal	6441405
CIE <sub>Lab</sub>	39.64, 39.68, -57.75
CIE <sub>LCh</sub>	40, 70.067, 304.496
Yxy	11.0359, 0.2155, 0.1432
Android (android.graphics.Color)	4284631485 (0xFF6249BD)
YUV	93.6990, 46.9834, 3.7720
Hunter-Lab	33.2203, 31.0860, -64.9109

# Details

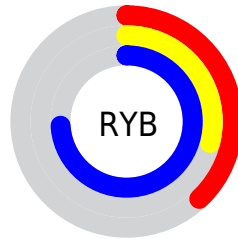
The Hex color **6249BD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **A4BD49**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9B7BF6**, and **251B87** is the 20% darker color. If you saturate the color by 10%, you get **5336BD**, and if you desaturate by 10%, it is **715CBD**.

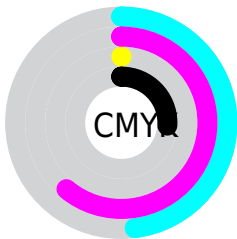
# Distribution



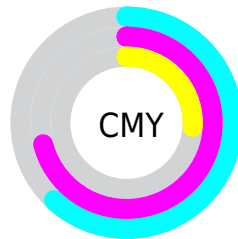
- Red (38%)
- Green (29%)
- Blue (74%)



- Red (38%)
- Yellow (29%)
- Blue (74%)



- Cyan (48%)
- Magenta (61%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (71%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6249BD 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 6249BD by changing the saturation by 10% instead.



6249BD

6249BD

FFFFFF

4531A1

9B7BF6

251B87

B895FF

00046D

D5B0FF

000054

F2CCFF

00063B

FFE8FF

000225

00010D

000000

6249BD

6249BD

■ 5336BD

■ 715CBD

■ 4423BD

■ 806FBD

■ 3610BD

■ 8E82BD

■ 2900BD

■ 9D95BD

■ ACA8BD

■ BBBABD

■ CACDBD

■ D9E0BD

■ E7F3BD

# Harmonies

## Analogous

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



0063D1



6249BD



A61E90

# Triad

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



6249BD



984700



007565

# Complementary

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



6249BD



A4BD49

# 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.



007227



6249BD



6B5E00

# Square

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



6249BD



B61F20



2B6B00



00759D

# Rectangle

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



6249BD



B9006B



2B6B00



007451



# Sweetspot

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



6249BD



D2C9F5



49A6BD



655F7A



FAFAFA



7A7A7A



# Same Dimension

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



6249BD



6740F5



9A49BD



57555E



22009E



07001F



# Inverse Universe

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



BD49A4



F540CE



6CBD49



5E555C



9E007C



1F0018



# Previews

## White Background



This preview shows how the Hex color 6249BD 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 6249BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

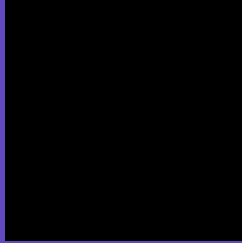
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6249BD Background



This preview shows how black text looks on a background with the Hex color 6249BD.

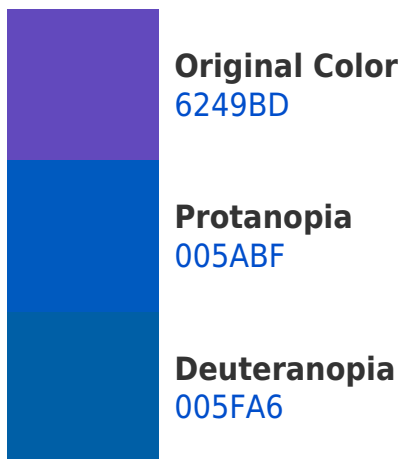



This preview shows how white text looks on a background with the Hex color 6249BD.

# 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**  
4A6169

# Trichromacy



**Original Color**  
6249BD



**Protanomaly**  
2454BE



**Deuteranomaly**  
2457AE



**Tritanomaly**  
535888

# Monochromacy



**Original Color**  
6249BD



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
5F5681

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6249BD 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 #6249BD looks like.

```
.text, #text, p{  
    color:#6249BD  
}
```

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 #6249BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6249BD
}
```

## Border

The CSS property to change the border of an element to Hex 6249BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

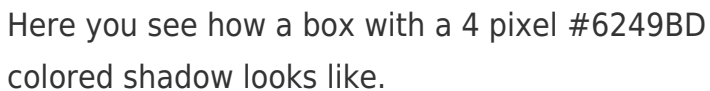
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6249BD }
```

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

```
.border{ border-color:#6249BD }
```

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



Here you see how a box with a 4 pixel #6249BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6249BD; -webkit-box-shadow:4px 4px  
4px 4px #6249BD; box-shadow:4px 4px 4px  
4px #6249BD }
```

# Background

The CSS property to change the background color of an element to Hex 6249BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6249BD }
```

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

```
.background{ background-color:#6249BD }
```

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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