

# Converting Colors

Hex(624DB2)

Have a look what the booklet for  
Hex(624DB2) contains.

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# Color

**Hex(624DB2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	624DB2
RGB	98, 77, 178
RGB Percent	38%, 30%, 70%
CMY	0.6157, 0.6980, 0.3020
CMYK	0.45, 0.57, 0.00, 0.30
HSL	252°, 40%, 50%
HSV	252°, 57%, 70%
XYZ	15.7268, 11.1188, 43.4367
YIQ	94.7930, -19.9050, 35.8630

# Conversions

## Conversions Part 2

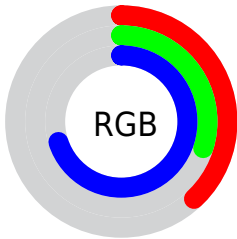
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 77, 178
Decimal	6442418
CIELab	39.78, 34.07, -51.06
CIELCh	40, 61.379, 303.712
Yxy	11.1188, 0.2238, 0.1582
Android (android.graphics.Color)	4284632498 (0xFF624DB2)
YUV	94.7930, 41.0211, 2.8125
Hunter-Lab	33.3448, 25.8343, -53.8929

# Details

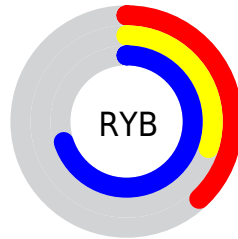
The Hex color **624DB2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9DB24D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **997FEA**, and **291F7C** is the 20% darker color. If you saturate the color by 10%, you get **543BB2**, and if you desaturate by 10%, it is **705FB2**.

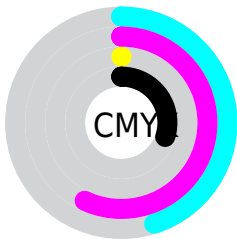
# Distribution



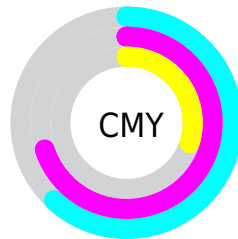
- Red (38%)
- Green (30%)
- Blue (70%)



- Red (38%)
- Yellow (30%)
- Blue (70%)



- Cyan (45%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (62%)
- Magenta (70%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624DB2 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 624DB2 by changing the saturation by 10% instead.



■ 624DB2

■ 624DB2

FFFFFF

■ 463697

■ 997FEA

■ 291F7C

■ B699FF

■ 000A63

■ D3B4FF

■ 00004B

■ F0D0FF

■ 000433

■ FFECFF

■ 00021D

■ 000000

■ 624DB2

■ 624DB2

■ 543BB2

■ 705FB2

4629B2

7E71B2

3818B2

8C82B2

2A06B2

9A94B2

2500B2

A8A6B2

B7B8B2

C5CAB2

D3DBB2

E1EDB2

# Harmonies

## Analogous

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



0062C3



624DB2



9D308B

# Triad

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



624DB2



944A00



007363

# Complementary

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



624DB2



9DB24D

# 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



624DB2



6D5E00

# Square

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



624DB2



AE2E29



386A00



007394

# Rectangle

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



624DB2



AF1E6B



386A00



007351



# Sweetspot

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



624DB2



C9C1E8



4D9EB2



635E75



F5F5F5



757575



# Same Dimension

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



624DB2



6B4AE8



944DB2



525059



200099



05001A



# Inverse Universe

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



B24D9D



E84AC7



6BB24D



595057



990079



1A0014



# Previews

## White Background



This preview shows how the Hex color 624DB2 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 624DB2 Background



This preview shows how black text looks on a background with the Hex color 624DB2.

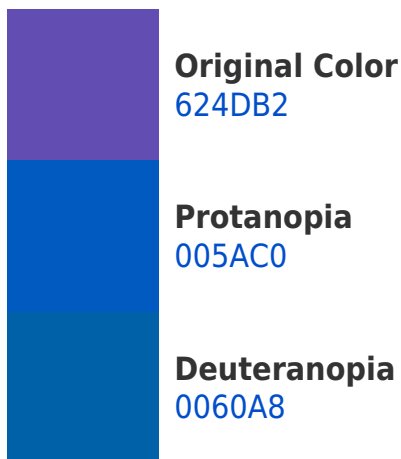


This preview shows how white text looks on a background with the Hex color 624DB2.

# 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](#).

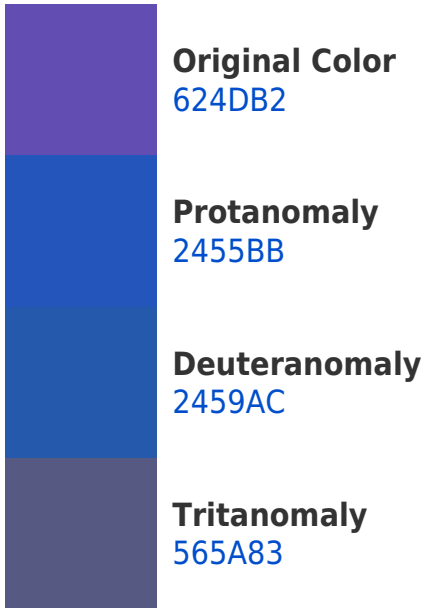
## Dichromacy





**Tritanopia**  
4F6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624DB2 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 #624DB2 looks like.

```
.text, #text, p{  
    color:#624DB2  
}
```

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 #624DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624DB2
}
```

## Border

The CSS property to change the border of an element to Hex 624DB2 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
#624DB2 }
```

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

```
.border{ border-color:#624DB2 }
```

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

Here you see how a box with a 4 pixel #624DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624DB2; -webkit-box-shadow:4px 4px  
4px 4px #624DB2; box-shadow:4px 4px 4px  
4px #624DB2 }
```

# Background

The CSS property to change the background color of an element to Hex 624DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624DB2 }
```

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

```
.background{ background-color:#624DB2 }
```

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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