

# Converting Colors

Hex(624AD0)

Have a look what the booklet for  
Hex(624AD0) contains.

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# Color

**Hex(624AD0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	624AD0
RGB	98, 74, 208
RGB Percent	38%, 29%, 82%
CMY	0.6157, 0.7098, 0.1843
CMYK	0.53, 0.64, 0.00, 0.18
HSL	251°, 59%, 55%
HSV	251°, 64%, 82%
XYZ	18.8709, 12.0483, 61.0055
YIQ	96.4520, -28.7100, 46.7620

# Conversions

## Conversions Part 2

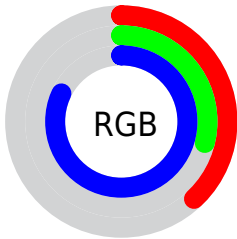
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 74, 208
Decimal	6441680
CIELab	41.29, 44.74, -66.10
CIELCh	41, 79.816, 304.092
Yxy	12.0483, 0.2053, 0.1311
Android (android.graphics.Color)	4284631760 (0xFF624AD0)
YUV	96.4520, 54.9932, 1.3576
Hunter-Lab	34.7107, 36.3005, -79.9072

# Details

The Hex color **624AD0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B8D04A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9D7CFF**, and **1D1B98** is the 20% darker color. If you saturate the color by 10%, you get **5135D0**, and if you desaturate by 10%, it is **735FD0**.

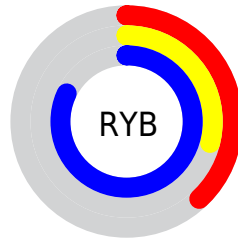
# Distribution



Red (38%)

Green (29%)

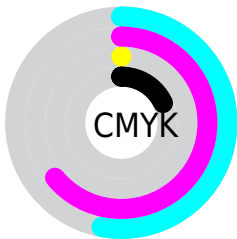
Blue (82%)



Red (38%)

Yellow (29%)

Blue (82%)

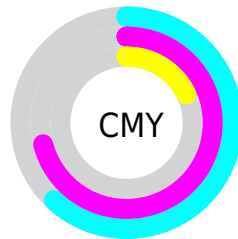


Cyan (53%)

Magenta (64%)

Yellow (0%)

Black (18%)



Cyan (62%)

Magenta (71%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624AD0 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 624AD0 by changing the saturation by 10% instead.



624AD0

624AD0

FFFFFF

4332B4

9D7CFF

1D1B98

BA96FF

00047E

D8B2FF

000064

F6CDFF

00034B

FFEAFF

000433

00021D

000000

624AD0

624AD0

5135D0

735FD0

4020D0

8474D0

2F0CD0

9588D0

2500D0

A69DD0

B7B2D0

C8C7D0

DADCD0

EBF0D0

FCFFD0

# Harmonies

## Analogous

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



0068E7



624AD0



B3039C

# Triad

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



624AD0



A34600



007B69

# Complementary

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



624AD0



B8D04A

# 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.



007821



624AD0



706200

# Square

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



624AD0



C5031B



237100



007BAA

# Rectangle

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



624AD0



CA0071



237100



007A52



# Sweetspot

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



624AD0



D7CFFF



4ABAD0



676280



000000



808080



# Same Dimension

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



624AD0



5E3BFF



A34AD0



605E69



1E00A8



070029



# Inverse Universe

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



D04AB8



FF3BDC



77D04A



695E67



A8008A



290021



# Previews

## White Background



This preview shows how the Hex color 624AD0 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 624AD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

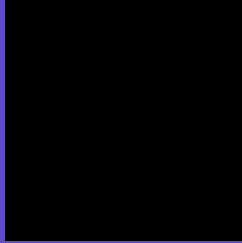
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 624AD0 Background



This preview shows how black text looks on a background with the Hex color 624AD0.

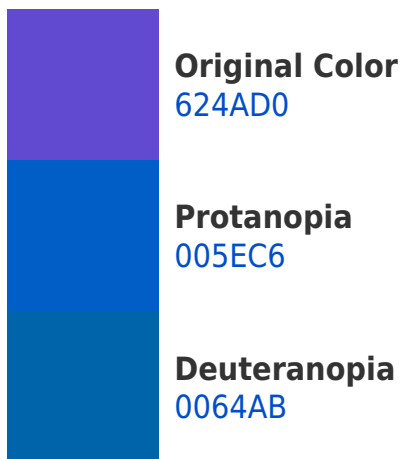



This preview shows how white text looks on a background with the Hex color 624AD0.

# 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](#).

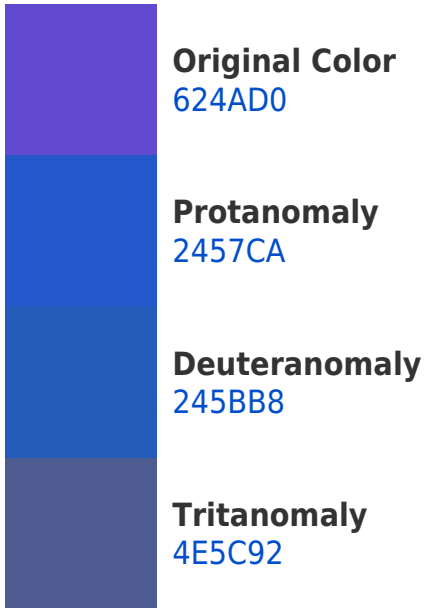
## Dichromacy





**Tritanopia**  
42676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624AD0 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 #624AD0 looks like.

```
.text, #text, p{  
    color:#624AD0  
}
```

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 #624AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624AD0  
}
```

## Border

The CSS property to change the border of an element to Hex 624AD0 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  
#624AD0 }
```

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

```
.border{ border-color:#624AD0 }
```

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

Here you see how a box with a 4 pixel #624AD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624AD0; -webkit-box-shadow:4px 4px  
4px 4px #624AD0; box-shadow:4px 4px 4px  
4px #624AD0 }
```

# Background

The CSS property to change the background color of an element to Hex 624AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624AD0 }
```

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

```
.background{ background-color:#624AD0 }
```

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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