

# Converting Colors

Hex(672AD4)

Have a look what the booklet for  
Hex(672AD4) contains.

<b>Hex(672AD4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(672AD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	672AD4
RGB	103, 42, 212
RGB Percent	40%, 16%, 83%
CMY	0.5961, 0.8353, 0.1686
CMYK	0.51, 0.80, 0.00, 0.17
HSL	262°, 67%, 50%
HSV	262°, 80%, 83%
XYZ	18.3051, 9.2930, 63.1163
YIQ	79.6190, -18.2140, 65.8020

# Conversions

## Conversions Part 2

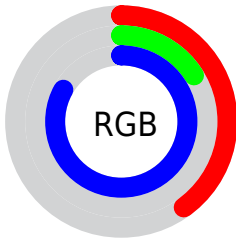
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	103, 42, 212
Decimal	6761172
CIE Lab	36.54, 62.27, -76.17
CIE LCh	37, 98.383, 309.267
Yxy	9.2930, 0.2018, 0.1024
Android (android.graphics.Color)	4284951252 (0xFF672AD4)
YUV	79.6190, 65.2638, 20.5051
Hunter-Lab	30.4844, 53.8375, -101.4178

# Details

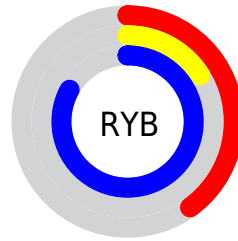
The Hex color **672AD4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **97D42A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A460FF**, and **1F009C** is the 20% darker color. If you saturate the color by 10%, you get **5915D4**, and if you desaturate by 10%, it is **753FD4**.

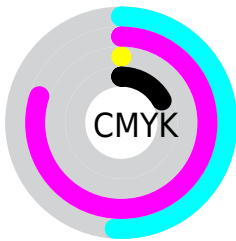
# Distribution



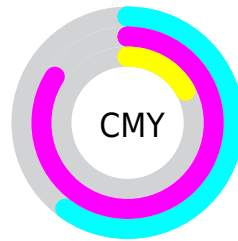
- Red (40%)
- Green (16%)
- Blue (83%)



- Red (40%)
- Yellow (16%)
- Blue (83%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (84%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 672AD4 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 672AD4 by changing the saturation by 10% instead.



672AD4

672AD4

FFFFFF

4707B8

A460FF

1F009C

C27BFF

000081

E096FF

000067

FFB2FF

00064E

FFCEFF

000536

FFE8FF

00021F

000003

000000

■ 672AD4

■ 672AD4

■ 5915D4

■ 753FD4

■ 4C00D4

■ 8254D4

■ 906AD4

■ 9D7FD4

■ AB94D4

■ B9A9D4

■ C6BED4

■ D4D4D4

■ E1E9D4

# Harmonies

## Analogous

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



005CF8



672AD4



BF0090

# Triad

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



672AD4



943A00



00716E

# Complementary

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



672AD4



97D42A

# 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.



006E14



672AD4



535B00

# Square

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



672AD4



C20000



006900



0072BB

# Rectangle

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



672AD4



D3005C



006900



007052



# Sweetspot

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



672AD4



D8C2FF



2A99D4



685B80



000000



808080



# Same Dimension

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



672AD4



620AFF



BA2AD4



64606B



3D00AB



10002B



# Inverse Universe

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



D42A97



FF0AA7



43D42A



6B6067



AB006E

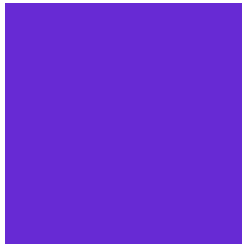


2B001C



# Previews

## White Background



This preview shows how the Hex color 672AD4 looks on a white background.

## Color Contrast Check

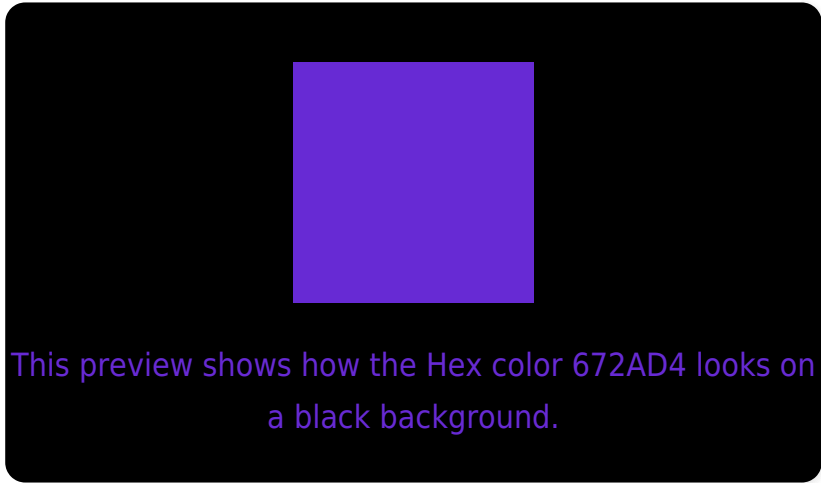
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

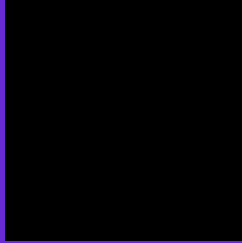
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 672AD4 Background



This preview shows how black text looks on a background with the Hex color 672AD4.

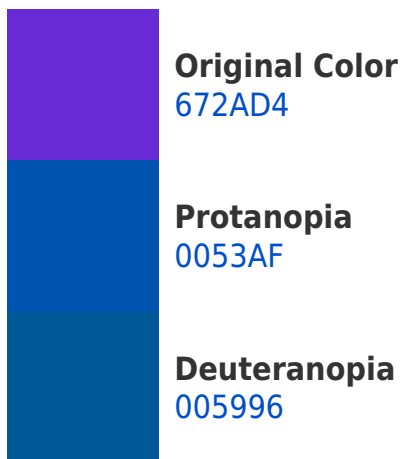


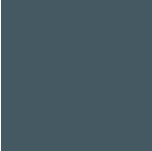
This preview shows how white text looks on a background with the Hex color 672AD4.

# 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**  
445961

# Trichromacy



**Original Color**  
672AD4



**Protanomaly**  
2544BC



**Deuteranomaly**  
2548AD



**Tritanomaly**  
51488B

# Monochromacy



**Original Color**  
672AD4



**Achromatopsia**  
505050



**Achromatomaly**  
584280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 672AD4 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 #672AD4 looks like.

```
.text, #text, p{  
    color:#672AD4  
}
```

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 #672AD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672AD4
}
```

## Border

The CSS property to change the border of an element to Hex 672AD4 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".

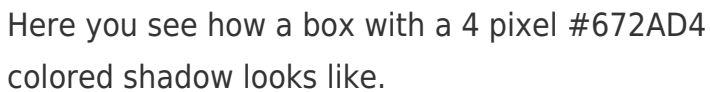
```
.border, #border, table{ border:4px solid
#672AD4 }
```

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

```
.border{ border-color:#672AD4 }
```

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

Here you see how a box with a 4 pixel #672AD4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672AD4; -webkit-box-shadow:4px 4px  
4px 4px #672AD4; box-shadow:4px 4px 4px  
4px #672AD4 }
```

# Background

The CSS property to change the background color of an element to Hex 672AD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672AD4 }
```

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

```
.background{ background-color:#672AD4 }
```

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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