

Converting Colors

Hex(A672D5)

Have a look what the booklet for
Hex(A672D5) contains.

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Color

Hex(A672D5)

Conversions

Conversions Part 1

Format	Color
Hex	A672D5
RGB	166, 114, 213
RGB Percent	65%, 45%, 84%
CMY	0.3490, 0.5529, 0.1647
CMYK	0.22, 0.46, 0.00, 0.16
HSL	272°, 54%, 64%
HSV	272°, 46%, 84%
XYZ	33.7534, 24.9457, 65.9868
YIQ	140.8340, -0.7870, 41.8130

Conversions

Conversions Part 2

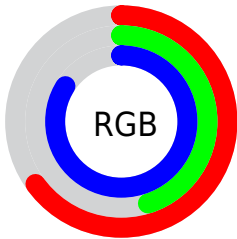
Format	Color
RYB	166, 114, 213
Decimal	10908373
CIELab	57.02, 39.32, -43.35
CIELCh	57, 58.528, 312.212
Yxy	24.9457, 0.2707, 0.2001
Android (android.graphics.Color)	4289098453 (0xFFA672D5)
YUV	140.8340, 35.5778, 22.0706
Hunter-Lab	49.9457, 33.2259, -43.3703

Details

The Hex color **A672D5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A1D572**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **DFA7FF**, and **70409E** is the 20% darker color. If you saturate the color by 10%, you get **9C5DD5**, and if you desaturate by 10%, it is **B087D5**.

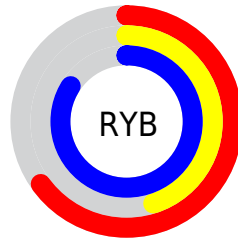
Distribution



Red (65%)

Green (45%)

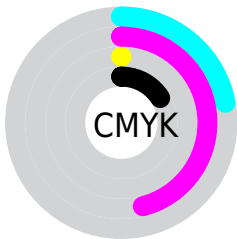
Blue (84%)



Red (65%)

Yellow (45%)

Blue (84%)

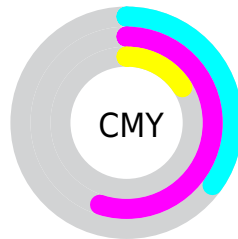


Cyan (22%)

Magenta (46%)

Yellow (0%)

Black (16%)



Cyan (35%)

Magenta (55%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A672D5 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 A672D5 by changing the saturation by 10% instead.

 A672D5

 A672D5

FFFFFF

 8A59B9

 DFA7FF

 70409E

 FCC3FF

 552883

 FFDFFF

 3B0F6A

 FFFCFF

 200051

 050039

 000223


 000009

 000000

 A672D5

 A672D5

 9C5DD5

 B087D5

 9247D5

 BA9DD5

 8832D5

 C4B2D5

 7E1DD5

 CEC7D5

 7308D5

 D9DDD5

 7000D5

 E3F2D5

 EDFFD5

 F7FFD5

 FFFFD5

Harmonies

Analogous

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



4788ED



A672D5



D55DA9

Triad

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



A672D5



BC7B20



00A19D

Complementary

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



A672D5



A1D572

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.



009F68



A672D5



8F8D15

Square

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



A672D5



DA6646



569938



009FCC

Rectangle

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



A672D5



E35787



569938



00A18B

Sweetspot

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



A672D5



EEDBFF



72A2D5



756A80



000000



808080

Same Dimension

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



A672D5



BB70FF



D572D3



66606B



5A00AB



17002B

Inverse Universe

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



D572A1



FF70B4



72D574



6B6065



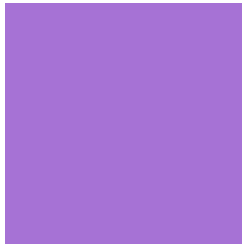
AB0051



2B0015

Previews

White Background



This preview shows how the Hex color A672D5 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

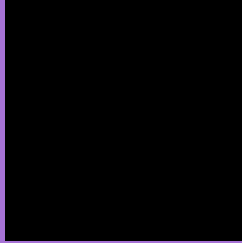
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A672D5 Background



This preview shows how black text looks on a background with the Hex color A672D5.

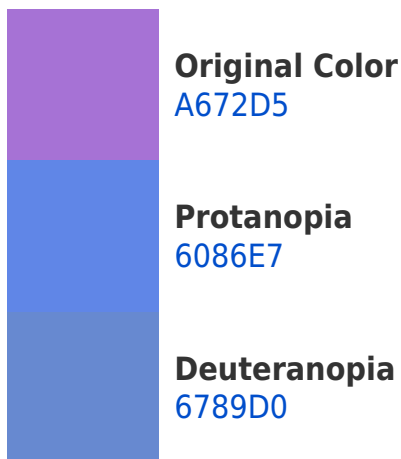


This preview shows how white text looks on a background with the Hex color A672D5.

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](#).

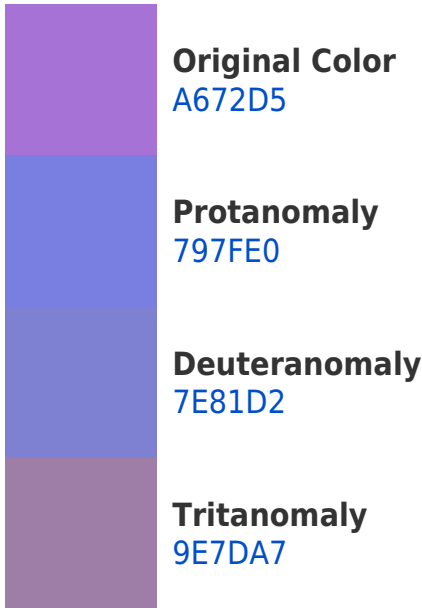
Dichromacy



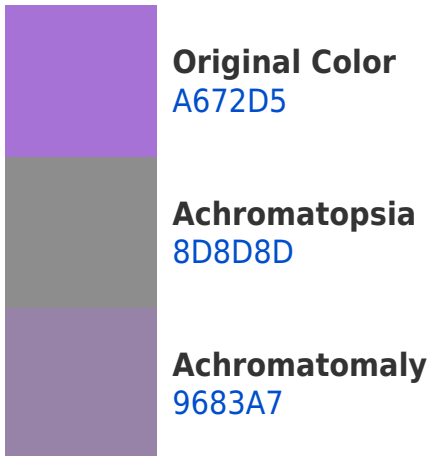


Tritanopia
9A838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A672D5 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 #A672D5 looks like.

```
.text, #text, p{  
    color:#A672D5  
}
```

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 #A672D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A672D5
}
```

Border

The CSS property to change the border of an element to Hex A672D5 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
#A672D5 }
```

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

```
.border{ border-color:#A672D5 }
```

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

Here you see how a box with a 4 pixel #A672D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A672D5; -webkit-box-shadow:4px 4px  
4px 4px #A672D5; box-shadow:4px 4px 4px  
4px #A672D5 }
```

Background

The CSS property to change the background color of an element to Hex A672D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A672D5 }
```

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

```
.background{ background-color:#A672D5 }
```

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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