

Converting Colors

Hex(812AD4)

Have a look what the booklet for
Hex(812AD4) contains.

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Color

Hex(812AD4)

Conversions

Conversions Part 1

Format	Color
Hex	812AD4
RGB	129, 42, 212
RGB Percent	51%, 16%, 83%
CMY	0.4941, 0.8353, 0.1686
CMYK	0.39, 0.80, 0.00, 0.17
HSL	271°, 67%, 50%
HSV	271°, 80%, 83%
XYZ	21.7649, 11.0765, 63.2782
YIQ	87.3930, -2.7180, 71.3140

Conversions

Conversions Part 2

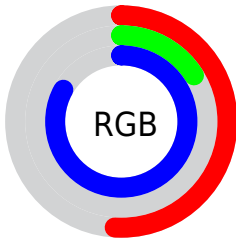
Format	Color
R_{YB}	129, 42, 212
Decimal	8465108
CIE Lab	39.71, 65.77, -70.85
CIE LCh	40, 96.675, 312.871
Yxy	11.0765, 0.2264, 0.1152
Android (android.graphics.Color)	4286655188 (0xFF812AD4)
YUV	87.3930, 61.4313, 36.4893
Hunter-Lab	33.2814, 58.4904, -89.4315

Details

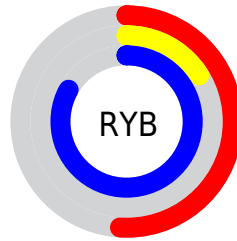
The Hex color **812AD4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **7DD42A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BC63FF**, and **45009C** is the 20% darker color. If you saturate the color by 10%, you get **7715D4**, and if you desaturate by 10%, it is **8B3FD4**.

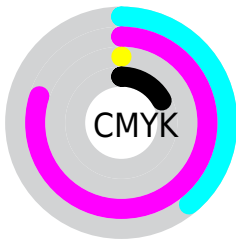
Distribution



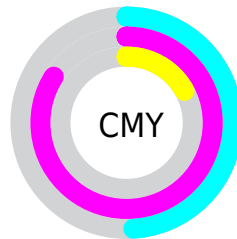
- Red (51%)
- Green (16%)
- Blue (83%)



- Red (51%)
- Yellow (16%)
- Blue (83%)



- Cyan (39%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (84%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812AD4 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 812AD4 by changing the saturation by 10% instead.

 812AD4

 812AD4

FFFFFF

 6300B8

 BC63FF

 45009C

 DA7EFF

 210081

 F89AFF

 000067

 FFB6FF

 00004E

 FFD3FF

 000536

 FFF0FF

 000220

 000003

 000000

■ 812AD4

■ 812AD4

■ 7715D4

■ 8B3FD4

■ 6C00D4

■ 9654D4

■ A06AD4

■ AA7FD4

■ B594D4

■ BFA9D4

■ C9BED4

■ D4D4D4

■ DEE9D4

Harmonies

Analogous

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



005FFC



812AD4



CC008E

Triad

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



812AD4



964800



007A7F

Complementary

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



812AD4



7DD42A

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.



00772A



812AD4



536500

Square

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



812AD4



C70000



007200



007ACA

Rectangle

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



812AD4



DC005A



007200



007964

Sweetspot

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



812AD4



E1C2FF



2A7FD4



6D5B80



000000



808080

Same Dimension

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



812AD4



870AFF



D42AD4



66606B



5700AB



16002B

Inverse Universe

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



D42A7D



FF0A82



2AD42A



6B6066



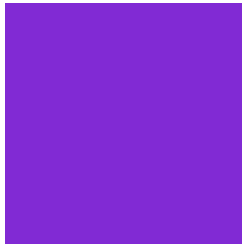
AB0053



2B0015

Previews

White Background



This preview shows how the Hex color 812AD4 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

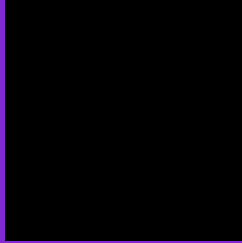
Any Text WCAG AA × Fail

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 812AD4 Background



This preview shows how black text looks on a background with the Hex color 812AD4.

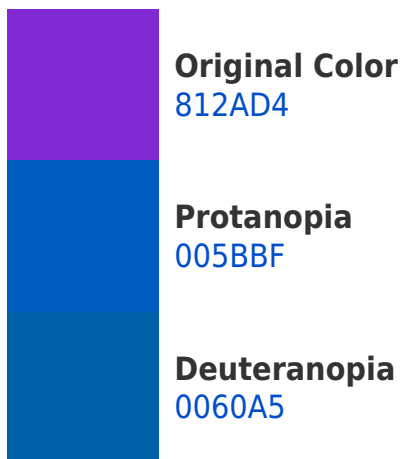



This preview shows how white text looks on a background with the Hex color 812AD4.

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
695A61

Trichromacy



Original Color
812AD4



Protanomaly
2F49C7



Deuteranomaly
2F4CB6



Tritanomaly
72498B

Monochromacy



Original Color
812AD4



Achromatopsia
575757



Achromatomaly
664784

CSS Examples

Text

The CSS property to change the color of the text to Hex 812AD4 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 #812AD4 looks like.

```
.text, #text, p{  
  color:#812AD4  
}
```

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 #812AD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812AD4
}
```

Border

The CSS property to change the border of an element to Hex 812AD4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

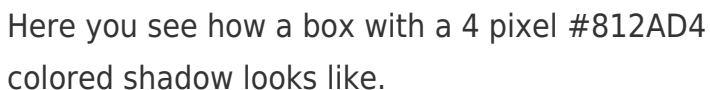
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#812AD4 }
```

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

```
.border{ border-color:#812AD4 }
```

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



Here you see how a box with a 4 pixel #812AD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812AD4; -webkit-box-shadow:4px 4px  
4px 4px #812AD4; box-shadow:4px 4px 4px  
4px #812AD4 }
```

Background

The CSS property to change the background color of an element to Hex 812AD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812AD4 }
```

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

```
.background{ background-color:#812AD4 }
```

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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