

Converting Colors

Hex(8275AD)

Have a look what the booklet for
Hex(8275AD) contains.

Hex(8275AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8275AD)

Conversions

Conversions Part 1

Format	Color
Hex	8275AD
RGB	130, 117, 173
RGB Percent	51%, 46%, 68%
CMY	0.4902, 0.5412, 0.3216
CMYK	0.25, 0.32, 0.00, 0.32
HSL	254°, 25%, 57%
HSV	254°, 32%, 68%
XYZ	23.1100, 20.4855, 42.2712
YIQ	127.2710, -10.2280, 20.1720

Conversions

Conversions Part 2

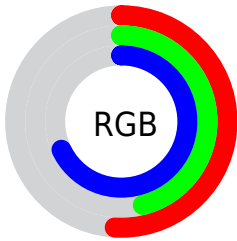
Format	Color
R _Y B	130, 117, 173
Decimal	8549805
CIE Lab	52.38, 17.32, -28.00
CIE LCh	52, 32.928, 301.746
Yxy	20.4855, 0.2691, 0.2386
Android (android.graphics.Color)	4286739885 (0xFF8275AD)
YUV	127.2710, 22.5444, 2.3933
Hunter-Lab	45.2610, 11.9346, -23.6909

Details

The Hex color **8275AD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0AD75**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B8A9E5**, and **4F4578** is the 20% darker color. If you saturate the color by 10%, you get **7564AD**, and if you desaturate by 10%, it is **8F86AD**.

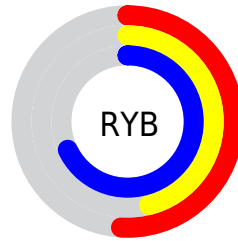
Distribution



Red (51%)

Green (46%)

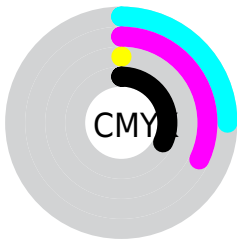
Blue (68%)



Red (51%)

Yellow (46%)

Blue (68%)

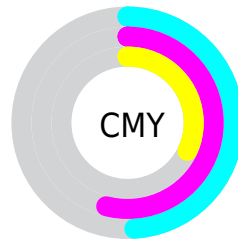


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8275AD 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 8275AD by changing the saturation by 10% instead.

■ 8275AD

■ 8275AD

FFFFFF

■ 685C92

■ B8A9E5

■ 4F4578

■ D4C4FF

■ 372E5F

■ F0E0FF

■ 1F1947

■ FFFDFF

■ 0B0031

■ 00011B

■ 000000

■ 8275AD

■ 8275AD

■ 7564AD

■ 8F86AD

6752AD

9D98AD

5A41AD

AAA9AD

4D30AD

B7BAAD

401EAD

C4CCAD

320DAD

D2DDAD

2800AD

DFEED

ECFFAD

FAFFAD

Harmonies

Analogous

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



557FB5



8275AD



A26B98

Triad

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



8275AD



A5724C



1F8C7E

Complementary

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



8275AD



A0AD75

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.



4D8961



8275AD



8D7C44

Square

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



8275AD



B26961



70844C



008B9A

Rectangle

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



8275AD



AE6786



70844C



318B74

Sweetspot

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



8275AD



CFCAE0



75A1AD



666370



F0F0F0



707070

Same Dimension

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



8275AD



9D89E0



9D75AD



504E57



230096



050017

Inverse Universe

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



AD75A0



E089CC



85AD75



574E55



960074



170012

Previews

White Background



This preview shows how the Hex color 8275AD looks on a white background.

Color Contrast Check

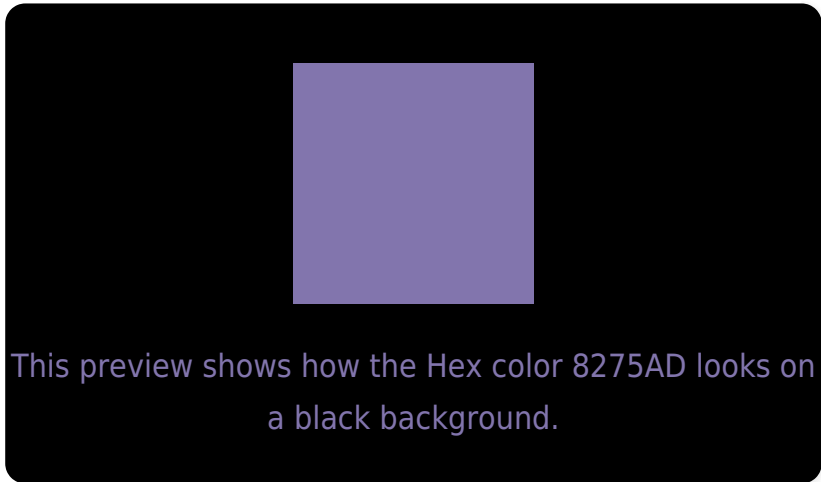
Large Text (above 18pt) WCAG AA ✓ Pass

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

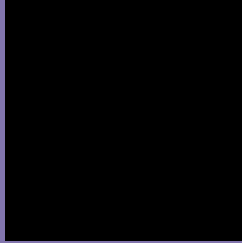
Any Text WCAG AA ✓ Pass

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 8275AD Background



This preview shows how black text looks on a background with the Hex color 8275AD.

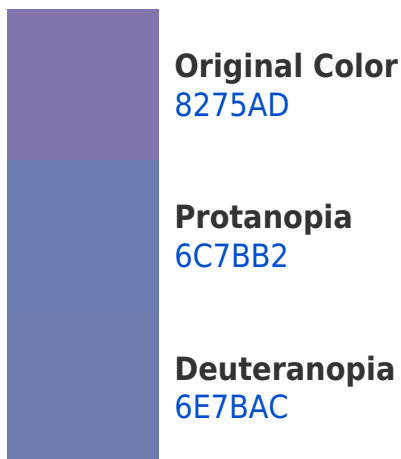



This preview shows how white text looks on a background with the Hex color 8275AD.

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](#).

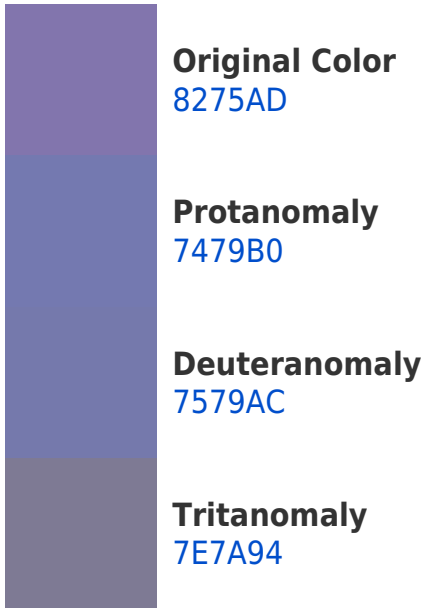
Dichromacy



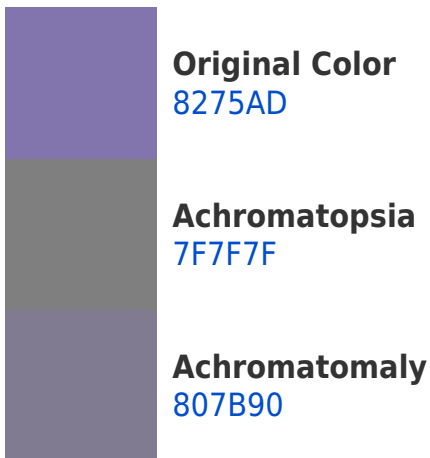


Tritanopia
7B7D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8275AD 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 #8275AD looks like.

```
.text, #text, p{  
    color:#8275AD  
}
```

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 #8275AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8275AD
}
```

Border

The CSS property to change the border of an element to Hex 8275AD 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
#8275AD }
```

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

```
.border{ border-color:#8275AD }
```

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

Here you see how a box with a 4 pixel #8275AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8275AD; -webkit-box-shadow:4px 4px  
4px 4px #8275AD; box-shadow:4px 4px 4px  
4px #8275AD }
```

Background

The CSS property to change the background color of an element to Hex 8275AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8275AD }
```

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

```
.background{ background-color:#8275AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor