

# Converting Colors

Hex(A25AD8)

Have a look what the booklet for  
Hex(A25AD8) contains.

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# Color

Hex(A25AD8)

# Conversions

## Conversions Part 1

Format	Color
Hex	A25AD8
RGB	162, 90, 216
RGB Percent	64%, 35%, 85%
CMY	0.3647, 0.6471, 0.1529
CMYK	0.25, 0.58, 0.00, 0.15
HSL	274°, 62%, 60%
HSV	274°, 58%, 85%
XYZ	30.9511, 19.9516, 67.1855
YIQ	125.8920, 2.4660, 54.4500

# Conversions

## Conversions Part 2

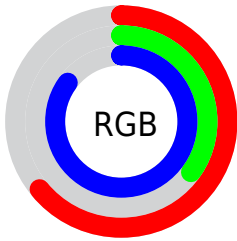
Format	Color
<a href="#">RYB</a>	<a href="#">162, 90, 216</a>
Decimal	<a href="#">10640088</a>
CIELab	<a href="#">51.78, 51.83, -53.40</a>
CIElCh	<a href="#">52, 74.417, 314.142</a>
Yxy	<a href="#">19.9516, 0.2621, 0.1690</a>
Android (android.graphics.Color)	<a href="#">4288830168 (0xFFA25AD8)</a>
YUV	<a href="#">125.8920, 44.4232, 31.6667</a>
Hunter-Lab	<a href="#">44.6672, 45.5200, -57.9131</a>

# Details

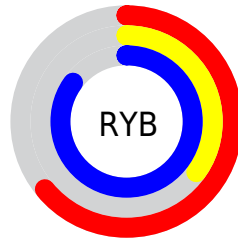
The Hex color **A25AD8** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **90D85A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **DC8FFF**, and **6A26A0** is the 20% darker color. If you saturate the color by 10%, you get **9944D8**, and if you desaturate by 10%, it is **AB70D8**.

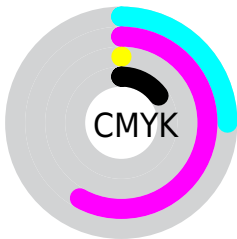
# Distribution



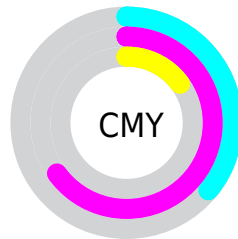
- Red (64%)
- Green (35%)
- Blue (85%)



- Red (64%)
- Yellow (35%)
- Blue (85%)



- Cyan (25%)
- Magenta (58%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (65%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A25AD8 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 A25AD8 by changing the saturation by 10% instead.



 A25AD8

 A25AD8

FFFFFF

 8640BC

 DC8FFF

 6A26A0

 F9AAFF

 4F0486

 FFC6FF

 33006C

 FFE3FF

 180053

 00003B

 000224

 00000C

 000000

 A25AD8

 A25AD8

 9944D8

 AB70D8

 8F2FD8

 B585D8

 8619D8

 BE9BD8

 7D04D8

 C7B0D8

 7B00D8

 D0C6D8

 DADCD8

 E3F1D8

 ECFFD8

 F5FFD8

# Harmonies

## Analogous

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



0079F9



A25AD8



DA34A0

# Triad

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



A25AD8



B16C00



009799

# Complementary

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



A25AD8



90D85A

# 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.



009556



A25AD8



7A8200

# Square

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



A25AD8



D94C22



248F06



0095D4

# Rectangle

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



A25AD8



E92675



248F06



009783



# Sweetspot

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



A25AD8



EBD1FF



5A91D8



736380



000000



808080



# Same Dimension

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



A25AD8



B24DFF



D85AD0



67606B



6200AB



19002B



# Inverse Universe

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



D85A90



FF4D99



5AD862



6B6065



AB0049

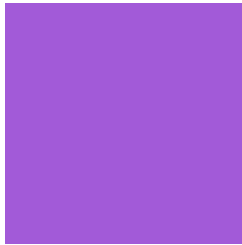


2B0013



# Previews

## White Background



This preview shows how the Hex color A25AD8 looks on a white background.

## Color Contrast Check

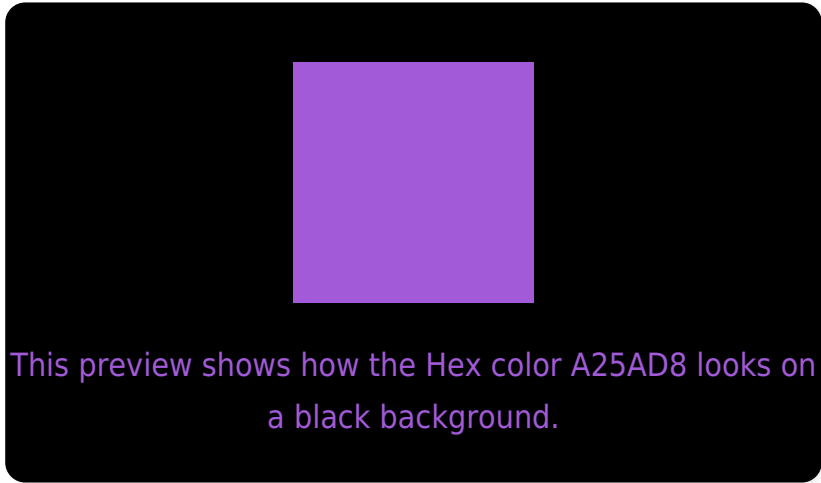
Large Text (above 18pt) WCAG AA ✓ Pass

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

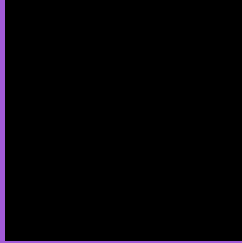
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A25AD8 Background



This preview shows how black text looks on a background with the Hex color A25AD8.

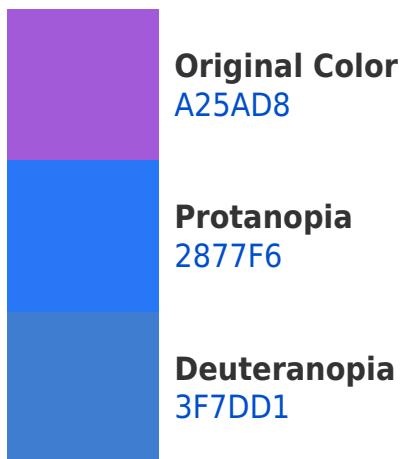



This preview shows how white text looks on a background with the Hex color A25AD8.

# 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](#).

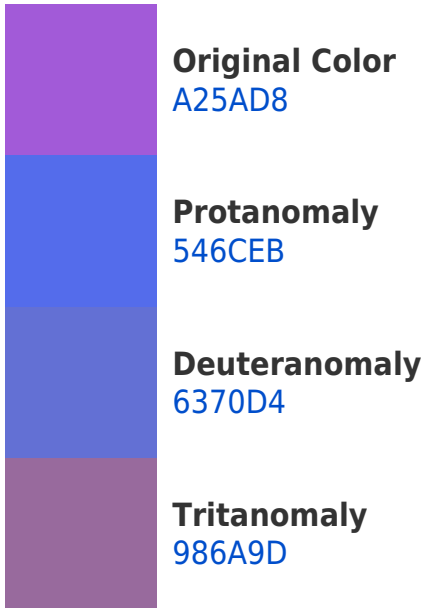
## Dichromacy



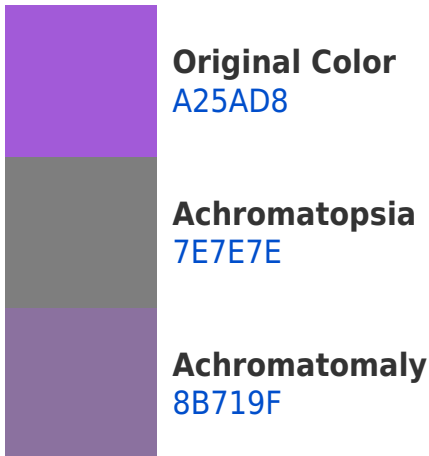


**Tritanopia**  
92737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A25AD8 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 #A25AD8 looks like.

```
.text, #text, p{  
    color:#A25AD8  
}
```

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 #A25AD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A25AD8
}
```

## Border

The CSS property to change the border of an element to Hex A25AD8 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
#A25AD8 }
```

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

```
.border{ border-color:#A25AD8 }
```

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

Here you see how a box with a 4 pixel #A25AD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A25AD8; -webkit-box-shadow:4px 4px  
4px 4px #A25AD8; box-shadow:4px 4px 4px  
4px #A25AD8 }
```

# Background

The CSS property to change the background color of an element to Hex A25AD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A25AD8 }
```

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

```
.background{ background-color:#A25AD8 }
```

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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