

Converting Colors

Hex(A35DBE)

Have a look what the booklet for
Hex(A35DBE) contains.

Hex(A35DBE)	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(A35DBE)

Conversions

Conversions Part 1

Format	Color
Hex	A35DBE
RGB	163, 93, 190
RGB Percent	64%, 36%, 75%
CMY	0.3608, 0.6353, 0.2549
CMYK	0.14, 0.51, 0.00, 0.25
HSL	283°, 43%, 55%
HSV	283°, 51%, 75%
XYZ	28.3129, 19.3329, 50.9546
YIQ	124.9880, 10.5830, 45.0070

Conversions

Conversions Part 2

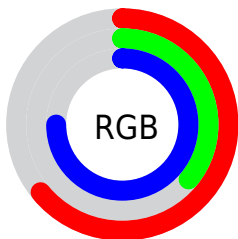
Format	Color
R_{YB}	163, 93, 190
Decimal	10706366
CIE _{Lab}	51.07, 44.81, -39.63
CIE _{LCh}	51, 59.823, 318.512
Yxy	19.3329, 0.2871, 0.1961
Android (android.graphics.Color)	4288896446 (0xFFA35DBE)
YUV	124.9880, 32.0509, 33.3365
Hunter-Lab	43.9692, 37.9944, -37.9309

Details

The Hex color **A35DBE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **78BE5D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **DC92F7**, and **6D2A88** is the 20% darker color. If you saturate the color by 10%, you get **9E4ABE**, and if you desaturate by 10%, it is **A870BE**.

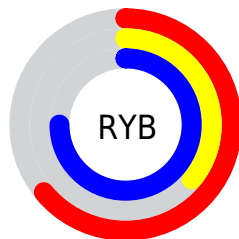
Distribution



Red (64%)

Green (36%)

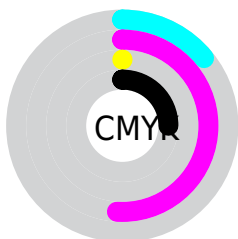
Blue (75%)



Red (64%)

Yellow (36%)

Blue (75%)

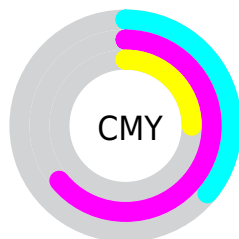


Cyan (14%)

Magenta (51%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (64%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color A35DBE 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 A35DBE by changing the saturation by 10% instead.

 A35DBE

 A35DBE

FFFFFF

 8844A3

 DC92F7

 6D2A88

 F9ADFF

 530E6E

 FFC9FF

 390055

 FFE5FF

 23003E

 000027

 000110

 000000

 A35DBE

 A35DBE

 9E4ABE

 A870BE

 9837BE

 AE83BE

 9324BE

 B396BE

 8E11BE

 B8A9BE

 8900BE

 BDBCBE

 C3CFBE

 C8E2BE

 CDF5BE

 D3FFBE

Harmonies

Analogous

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



4E74DB



A35DBE



CB4890

Triad

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



A35DBE



A27000



009199

Complementary

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



A35DBE



78BE5D

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.



009064



A35DBE



748100

Square

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



A35DBE



C45A2D



328B30



008EC5

Rectangle

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



A35DBE



D4446D



328B30



009187

Sweetspot

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



A35DBE



EDD2F7



5D78BE



77667D



FCFCFC



7D7D7D

Same Dimension

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



A35DBE



CD60F7



BE5DA9



5C555E



72009E



16001F

Inverse Universe

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



BE5D78



F7608A



5DBE72



5E5558



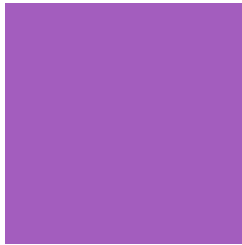
9E002C



1F0009

Previews

White Background



This preview shows how the Hex color A35DBE looks on a white background.

Color Contrast Check

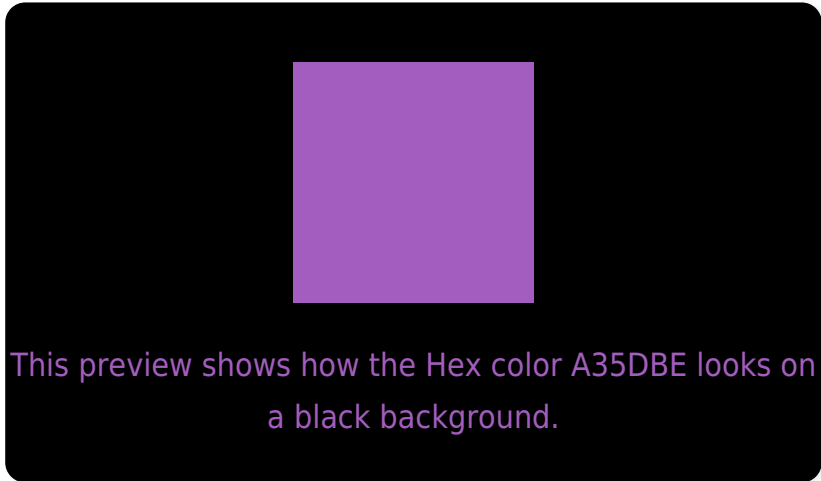
Large Text (above 18pt) WCAG AA ✓ Pass

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 A35DBE Background



This preview shows how black text looks on a background with the Hex color A35DBE.

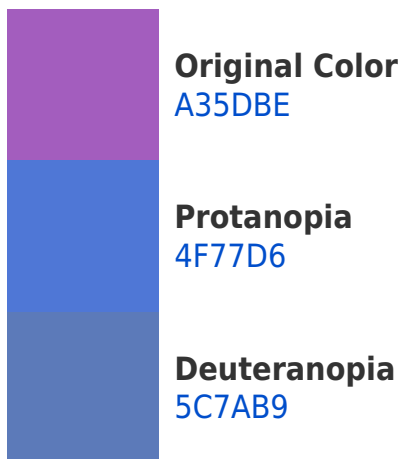


This preview shows how white text looks on a background with the Hex color A35DBE.

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](#).

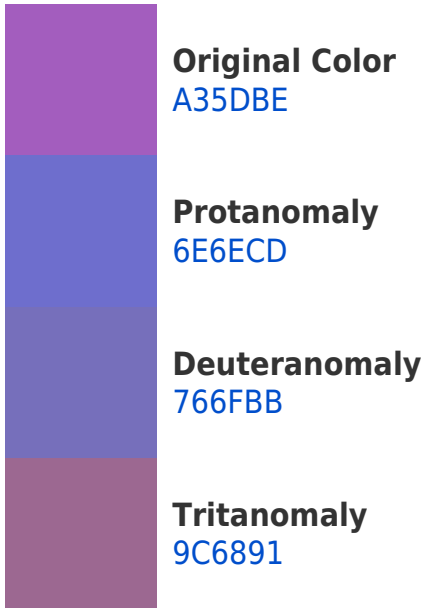
Dichromacy





Tritanopia
986E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A35DBE 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 #A35DBE looks like.

```
.text, #text, p{  
    color:#A35DBE  
}
```

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 #A35DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A35DBE
}
```

Border

The CSS property to change the border of an element to Hex A35DBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

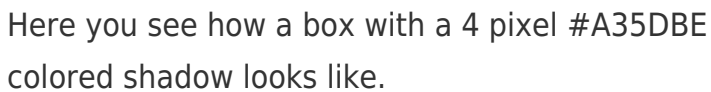
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A35DBE }
```

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

```
.border{ border-color:#A35DBE }
```

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



Here you see how a box with a 4 pixel #A35DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A35DBE; -webkit-box-shadow:4px 4px  
4px 4px #A35DBE; box-shadow:4px 4px 4px  
4px #A35DBE }
```

Background

The CSS property to change the background color of an element to Hex A35DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A35DBE }
```

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

```
.background{ background-color:#A35DBE }
```

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