

Converting Colors

Hex(A324E9)

Have a look what the booklet for
Hex(A324E9) contains.

| | |
|--|----|
| Hex(A324E9) | 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> | 28 |

Color

Hex(A324E9)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A324E9 |
| RGB | 163, 36, 233 |
| RGB Percent | 64%, 14%, 91% |
| CMY | 0.3608, 0.8588, 0.0863 |
| CMYK | 0.30, 0.85, 0.00, 0.09 |
| HSL | 279°, 82%, 53% |
| HSV | 279°, 85%, 91% |
| XYZ | 30.4431, 14.9315, 78.3683 |
| YIQ | 96.4310, 12.4550, 88.1910 |

Conversions

Conversions Part 2

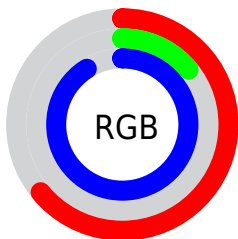
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 163, 36, 233 |
| Decimal | 10691817 |
| CIE _{Lab} | 45.54, 76.84, -73.13 |
| CIE _{LCh} | 46, 106.079, 316.417 |
| Yxy | 14.9315, 0.2460, 0.1207 |
| Android (android.graphics.Color) | 4288881897 (0xFFA324E9) |
| YUV | 96.4310, 67.3285, 58.3810 |
| Hunter-Lab | 38.6413, 73.0071, -93.1971 |

Details

The Hex color **A324E9** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **6AE924**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **DF64FF**, and **6700B0** is the 20% darker color. If you saturate the color by 10%, you get **9B0DE9**, and if you desaturate by 10%, it is **AB3BE9**.

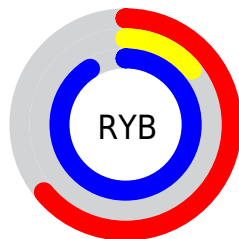
Distribution



Red (64%)

Green (14%)

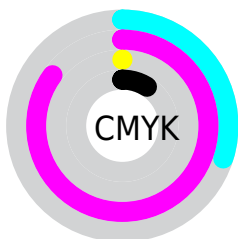
Blue (91%)



Red (64%)

Yellow (14%)

Blue (91%)

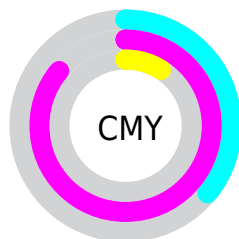


Cyan (30%)

Magenta (85%)

Yellow (0%)

Black (9%)



Cyan (36%)

Magenta (86%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A324E9 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 A324E9 by changing the saturation by 10% instead.

 A324E9

 A324E9

FFFFFF

 8500CC

 DF64FF

 6700B0

 FE81FF

 490094

 FF9EFF

 27007A


 FFBBFF

 000060

 FFD8FF

 000047

 FFF6FF

 00042F

 00011A

 000000

 A324E9

 A324E9

 9B0DE9

 AB3BE9

 9600E9

 B453E9

 BC6AE9

 C481E9

 CC99E9

 D5B0E9

 DDC7E9

 E5DEE9

 EE66E9

Harmonies

Analogous

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



0069FF



A324E9



ED0098

Triad

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



A324E9



A45900



008C9C

Complementary

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



A324E9



6AE924

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.



00893E



A324E9



557700

Square

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



A324E9



DD0000



008400



008CEE

Rectangle

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



A324E9



FB005E



008400



008B7E

Sweetspot

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



A324E9



E8BFFF



246CE9



725980



000000



808080

Same Dimension

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



A324E9



A400FF



E924CF



716A75



7500B5



230036

Inverse Universe

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



E9246A



FF005B



24E93E



756A6E



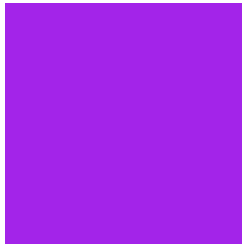
B50040



360013

Previews

White Background



This preview shows how the Hex color A324E9 looks on a white background.

Color Contrast Check

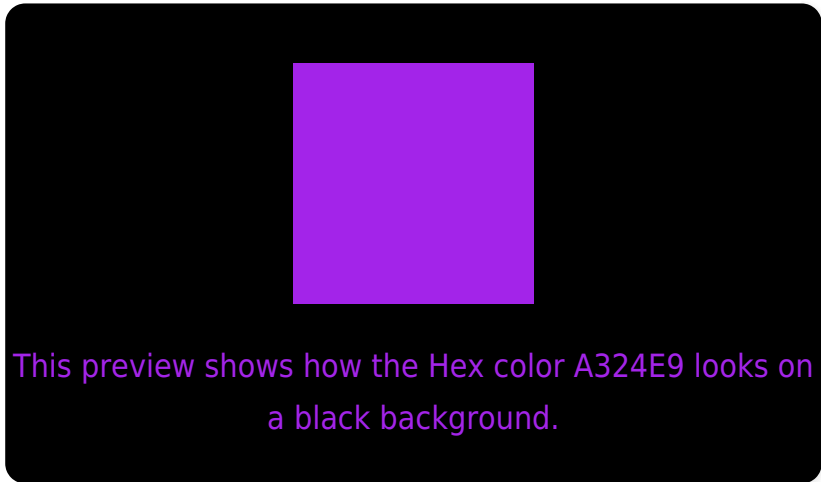
Large Text (above 18pt) WCAG AA ✓ Pass

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

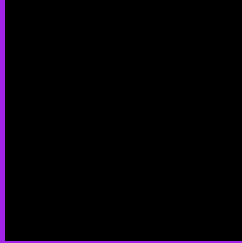
Any Text WCAG AA × Fail

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 A324E9 Background



This preview shows how black text looks on a background with the Hex color A324E9.

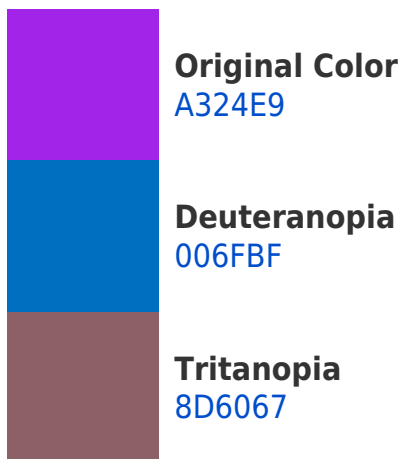


This preview shows how white text looks on a background with the Hex color A324E9.

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



Trichromacy



Original Color
A324E9



Deuteranomaly
3B54CE



Tritanomaly
954A96

Monochromacy



Original Color
A324E9



Achromatopsia
606060



Achromatomaly
784A92

CSS Examples

Text

The CSS property to change the color of the text to Hex A324E9 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 #A324E9 looks like.

```
.text, #text, p{  
    color:#A324E9  
}
```

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 #A324E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A324E9
}
```

Border

The CSS property to change the border of an element to Hex A324E9 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
#A324E9 }
```

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

```
.border{ border-color:#A324E9 }
```

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

Here you see how a box with a 4 pixel #A324E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A324E9; -webkit-box-shadow:4px 4px  
4px 4px #A324E9; box-shadow:4px 4px 4px  
4px #A324E9 }
```

Background

The CSS property to change the background color of an element to Hex A324E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A324E9 }
```

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

```
.background{ background-color:#A324E9 }
```

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