

Converting Colors

Hex(A651E1)

Have a look what the booklet for
Hex(A651E1) contains.

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Color

Hex(A651E1)

Conversions

Conversions Part 1

Format	Color
Hex	A651E1
RGB	166, 81, 225
RGB Percent	65%, 32%, 88%
CMY	0.3490, 0.6824, 0.1176
CMYK	0.26, 0.64, 0.00, 0.12
HSL	275°, 71%, 60%
HSV	275°, 64%, 88%
XYZ	32.2589, 19.4281, 73.2839
YIQ	122.8310, 4.4360, 62.8040

Conversions

Conversions Part 2

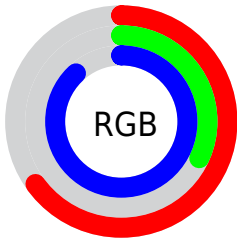
Format	Color
R_{YB}	166, 81, 225
Decimal	10899937
CIE _{Lab}	51.18, 59.18, -59.44
CIE _{LCh}	51, 83.878, 314.877
Yxy	19.4281, 0.2581, 0.1555
Android (android.graphics.Color)	4289090017 (0xFFA651E1)
YUV	122.8310, 50.3693, 37.8592
Hunter-Lab	44.0773, 53.5037, -67.7228

Details

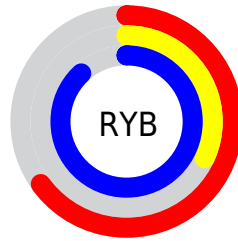
The Hex color **A651E1** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8CE151**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E087FF**, and **6D17A9** is the 20% darker color. If you saturate the color by 10%, you get **9D3BE1**, and if you desaturate by 10%, it is **AF67E1**.

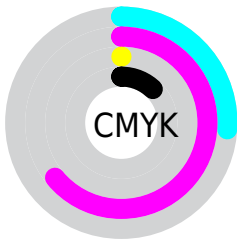
Distribution



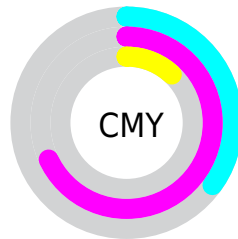
- Red (65%)
- Green (32%)
- Blue (88%)



- Red (65%)
- Yellow (32%)
- Blue (88%)



- Cyan (26%)
- Magenta (64%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (68%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color A651E1 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 A651E1 by changing the saturation by 10% instead.

 A651E1

 A651E1

FFFFFF

 8936C5

 E087FF

 6D17A9

 FEA3FF

 51008E

 FFBFFF

 340073

 FFDBFF

 17005A

 FFF9FF

 000041

 00032A

 000114

 000000

 A651E1

 A651E1

 9D3BE1

 AF67E1

 9424E1

 B87EE1

 8A0EE1

 C294E1

 8500E1

 CBABE1

 D4C2E1

 DDD8E1

 E7EFE1

 F0FFE1

 F9FFE1

Harmonies

Analogous

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



0077FF



A651E1



E40EA1

Triad

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



A651E1



B26900



00989D

Complementary

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



A651E1



8CE151

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.



009552



A651E1



748200

Square

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



A651E1



DF410E



008F00



0096DF

Rectangle

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



A651E1



F30072



008F00



009784

Sweetspot

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



A651E1



EBCFFF



518DE1



736280



000000



808080

Same Dimension

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



A651E1



AF3BFF



E151D5



6C6570



6800B0



1D0030

Inverse Universe

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



E1518C



FF3B8B



51E15D



70656A



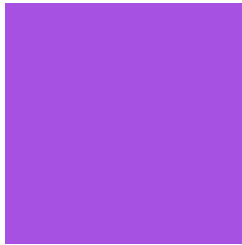
B00048



300014

Previews

White Background



This preview shows how the Hex color A651E1 looks on a white background.

Color Contrast Check

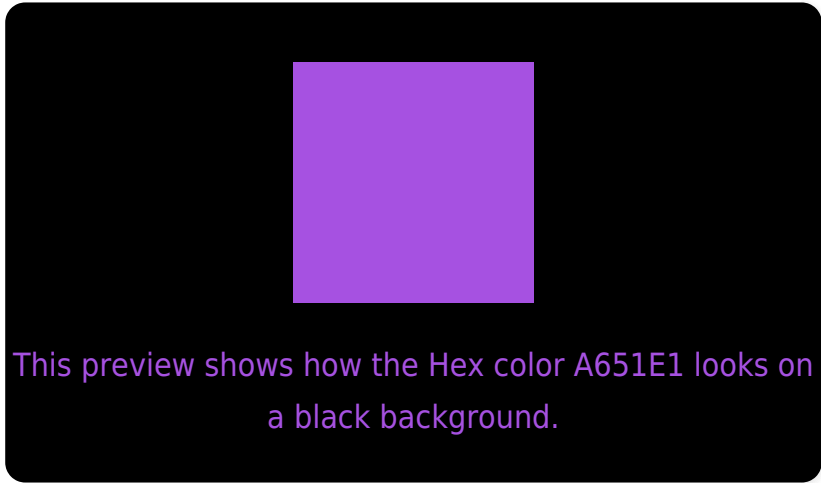
Large Text (above 18pt) WCAG AA ✓ Pass

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

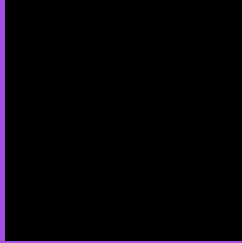
Any Text WCAG AA ✓ Pass

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 A651E1 Background



This preview shows how black text looks on a background with the Hex color A651E1.

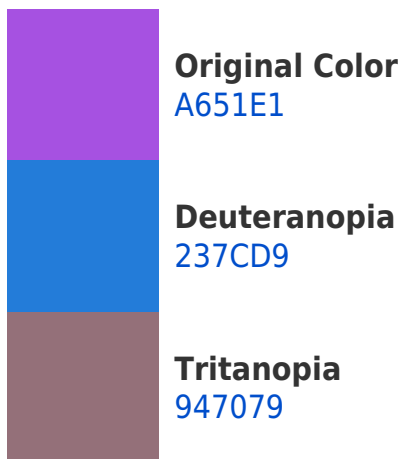


This preview shows how white text looks on a background with the Hex color A651E1.

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
A651E1



Deuteranomaly
536CDC

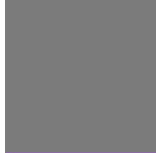


Tritanomaly
9B659F

Monochromacy



Original Color
A651E1



Achromatopsia
7B7B7B



Achromatomaly
8B6CA0

CSS Examples

Text

The CSS property to change the color of the text to Hex A651E1 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 #A651E1 looks like.

```
.text, #text, p{  
    color:#A651E1  
}
```

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 #A651E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A651E1
}
```

Border

The CSS property to change the border of an element to Hex A651E1 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
#A651E1 }
```

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

```
.border{ border-color:#A651E1 }
```

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

Here you see how a box with a 4 pixel #A651E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A651E1; -webkit-box-shadow:4px 4px  
4px 4px #A651E1; box-shadow:4px 4px 4px  
4px #A651E1 }
```

Background

The CSS property to change the background color of an element to Hex A651E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A651E1 }
```

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

```
.background{ background-color:#A651E1 }
```

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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