

Converting Colors

Hex(A21EAE)

Have a look what the booklet for
Hex(A21EAE) contains.

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Color

Hex(A21EAE)

Conversions

Conversions Part 1

Format	Color
Hex	A21EAE
RGB	162, 30, 174
RGB Percent	64%, 12%, 68%
CMY	0.3647, 0.8824, 0.3176
CMYK	0.07, 0.83, 0.00, 0.32
HSL	295°, 71%, 40%
HSV	295°, 83%, 68%
XYZ	23.0045, 11.6659, 41.0837
YIQ	85.8840, 32.4480, 72.7680

Conversions

Conversions Part 2

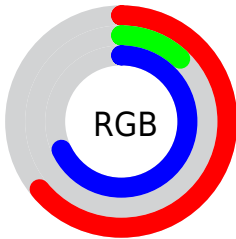
Format	Color
R_{YB}	162, 30, 174
Decimal	10624686
CIE _{Lab}	40.68, 67.29, -46.80
CIE _{LCh}	41, 81.961, 325.182
Yxy	11.6659, 0.3037, 0.1540
Android (android.graphics.Color)	4288814766 (0xFFA21EAE)
YUV	85.8840, 43.4412, 66.7537
Hunter-Lab	34.1554, 60.4524, -47.4079

Details

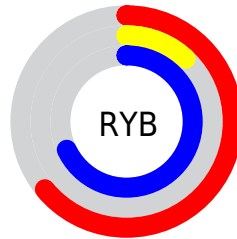
The Hex color **A21EAE** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2AAE1E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **DC5DE6**, and **6A0079** is the 20% darker color. If you saturate the color by 10%, you get **A10DAE**, and if you desaturate by 10%, it is **A32FAE**.

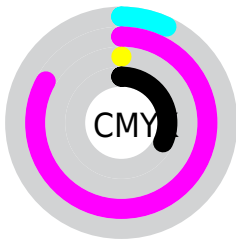
Distribution



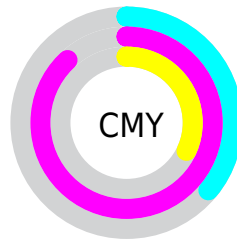
- Red (64%)
- Green (12%)
- Blue (68%)



- Red (64%)
- Yellow (12%)
- Blue (68%)



- Cyan (7%)
- Magenta (83%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (88%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color A21EAE 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 A21EAE by changing the saturation by 10% instead.

 A21EAE

 A21EAE

FFFFFF

 860093

 DC5DE6

 6A0079

 FA7AFF

 4E005F

 FF96FF

 350047

 FFB3FF

 16002F

 FFD0FF

 000119

 FFEDFF

 000000

 A21EAE

 A21EAE

 A10DAE

 A32FAE

■ 9F00AE

■ A541AE

■ A652AE

■ A864AE

■ A975AE

■ AB86AE

■ AC98AE

■ AEA9AE

■ AFBBAE

Harmonies

Analogous

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



1D53DC



A21EAE



CB006E

Triad

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



A21EAE



7F5A00



007A98

Complementary

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



A21EAE



2AAE1E

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.



007953



A21EAE



3D6C00

Square

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



A21EAE



AF3600



007500



0078CF

Rectangle

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



A21EAE



CF0042



007500



007A82

Sweetspot

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



A21EAE



DEAAE3



1E2AAE



705073



F2F2F2



737373

Same Dimension

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



A21EAE



D002E3



AE1E74



564E57



8A0096



150017

Inverse Universe

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



AE1E2A



E30215



1EAE58



574E4F



96000D



170002

Previews

White Background



This preview shows how the Hex color A21EAE looks on a white background.

Color Contrast Check

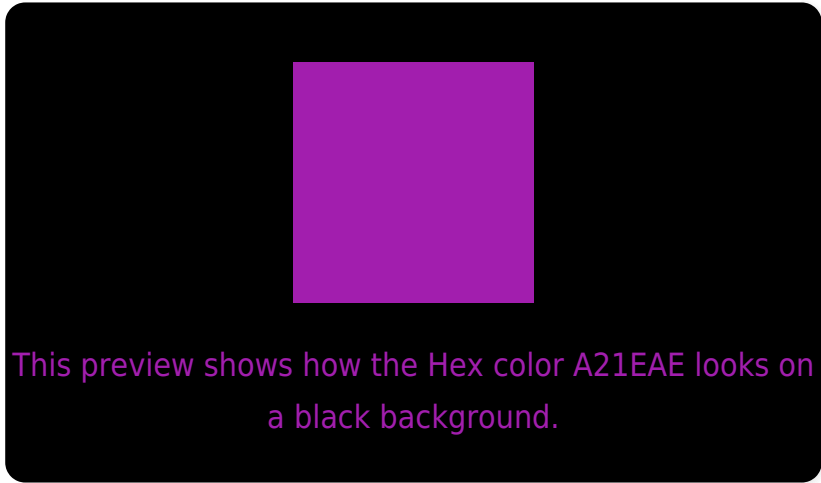
Large Text (above 18pt) WCAG AA ✓ Pass

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

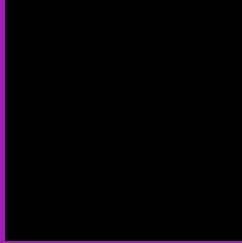
Any Text WCAG AA × Fail

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 A21EAE Background



This preview shows how black text looks on a background with the Hex color A21EAE.

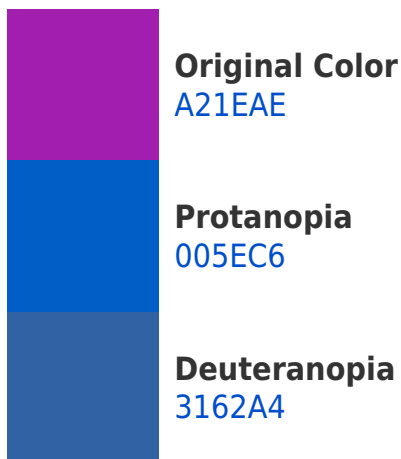



This preview shows how white text looks on a background with the Hex color A21EAE.

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
96484D

Trichromacy



Original Color
A21EAE



Protanomaly
3B47BD



Deuteranomaly
5A49A8



Tritanomaly
9A3970

Monochromacy



Original Color
A21EAE



Achromatopsia
565656



Achromatomaly
724276

CSS Examples

Text

The CSS property to change the color of the text to Hex A21EAE 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 #A21EAE looks like.

```
.text, #text, p{  
    color:#A21EAE  
}
```

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 #A21EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A21EAE
}
```

Border

The CSS property to change the border of an element to Hex A21EAE 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
#A21EAE }
```

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

```
.border{ border-color:#A21EAE }
```

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

Here you see how a box with a 4 pixel #A21EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A21EAE; -webkit-box-shadow:4px 4px  
4px 4px #A21EAE; box-shadow:4px 4px 4px  
4px #A21EAE }
```

Background

The CSS property to change the background color of an element to Hex A21EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A21EAE }
```

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

```
.background{ background-color:#A21EAE }
```

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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