

Converting Colors

Hex(A13EC0)

Have a look what the booklet for
Hex(A13EC0) contains.

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Color

Hex(A13EC0)

Conversions

Conversions Part 1

Format	Color
Hex	A13EC0
RGB	161, 62, 192
RGB Percent	63%, 24%, 75%
CMY	0.3686, 0.7569, 0.2471
CMYK	0.16, 0.68, 0.00, 0.25
HSL	286°, 51%, 50%
HSV	286°, 68%, 75%
XYZ	25.9350, 14.8281, 51.3644
YIQ	106.4210, 17.2740, 61.4180

Conversions

Conversions Part 2

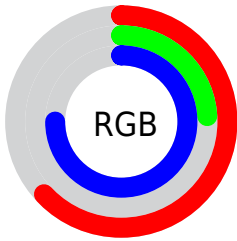
Format	Color
R_{YB}	161, 62, 192
Decimal	10567360
CIE _{Lab}	45.40, 59.66, -49.83
CIE _{LCh}	45, 77.733, 320.128
Yxy	14.8281, 0.2815, 0.1610
Android (android.graphics.Color)	4288757440 (0xFFA13EC0)
YUV	106.4210, 42.1904, 47.8658
Hunter-Lab	38.5073, 52.8337, -52.1311

Details

The Hex color **A13EC0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **5DC03E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **DB75F9**, and **69008A** is the 20% darker color. If you saturate the color by 10%, you get **9C2BC0**, and if you desaturate by 10%, it is **A651C0**.

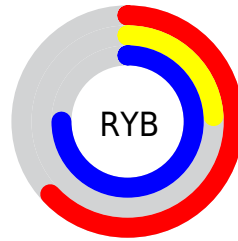
Distribution



Red (63%)

Green (24%)

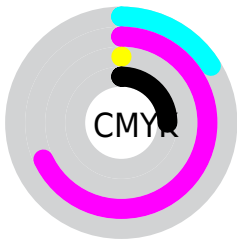
Blue (75%)



Red (63%)

Yellow (24%)

Blue (75%)

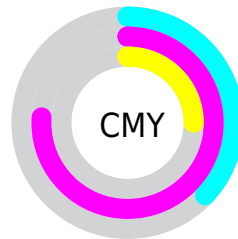


Cyan (16%)

Magenta (68%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (76%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color A13EC0 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 A13EC0 by changing the saturation by 10% instead.

 A13EC0

 A13EC0

FFFFFF

 8520A4

 DB75F9

 69008A

 F890FF

 4E0070

 FFACFF

 330056

 FFC9FF

 18003E

 FFE6FF

 000327

 000111

 000000

 A13EC0

 A13EC0

9C2BC0

A651C0

9818C0

AA64C0

9304C0

AF78C0

9200C0

B38BC0

B89EC0

BCB1C0

C1C4C0

C6D8C0

CAEBC0

Harmonies

Analogous

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



0064E8



A13EC0



D10084

Triad

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



A13EC0



956100



008697

Complementary

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



A13EC0



5DC03E

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.



008553



A13EC0



5A7500

Square

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



A13EC0



C13F00



008000



0084CF

Rectangle

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



A13EC0



D90059



008000



008681

Sweetspot

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



A13EC0



EEC8FA



3E5FC0



765F7D



FCFCFC



7D7D7D

Same Dimension

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



A13EC0



CA2FFA



C03EA0



5F5761



7A00A1



190021

Inverse Universe

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



C03E5D



FA2F60



3EC05F



61575A



A10026



210008

Previews

White Background



This preview shows how the Hex color A13EC0 looks on a white background.

Color Contrast Check

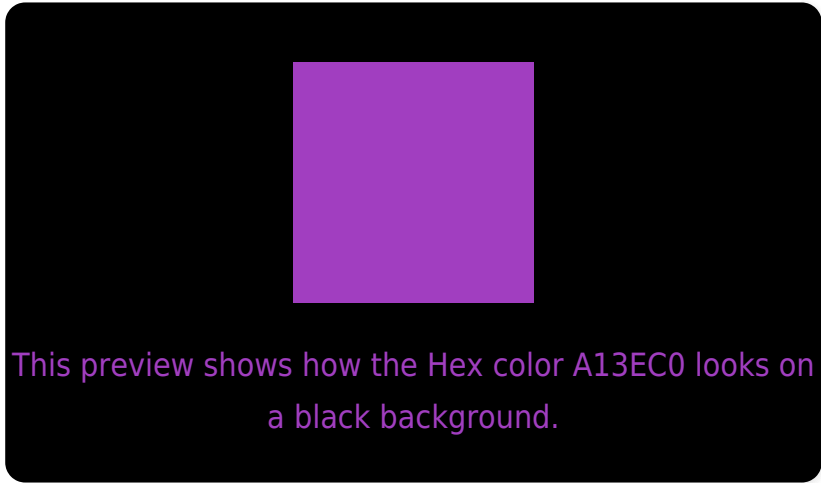
Large Text (above 18pt) WCAG AA ✓ Pass

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

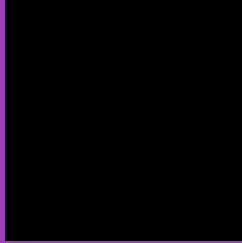
Any Text WCAG AA × Fail

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 A13EC0 Background



This preview shows how black text looks on a background with the Hex color A13EC0.

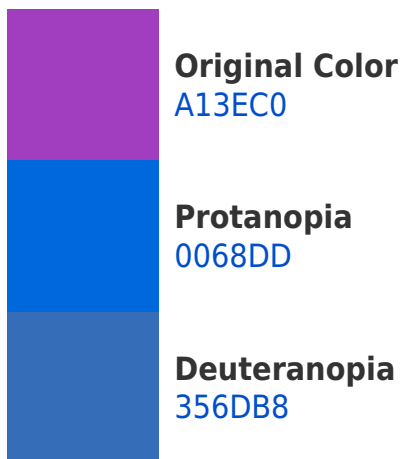



This preview shows how white text looks on a background with the Hex color A13EC0.

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](#).

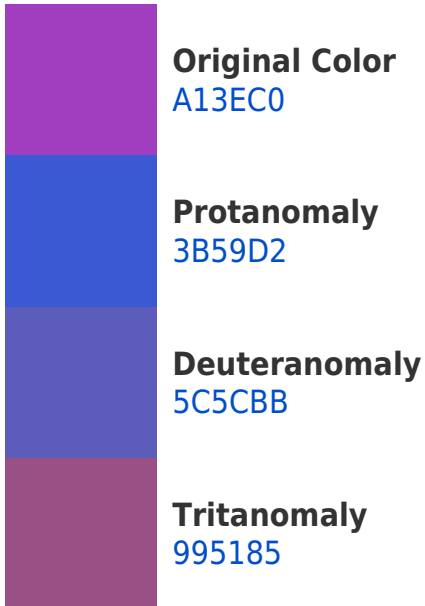
Dichromacy



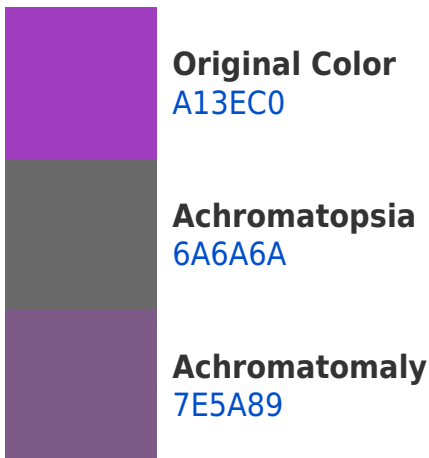


Tritanopia
945C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A13EC0 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 #A13EC0 looks like.

```
.text, #text, p{  
    color:#A13EC0  
}
```

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 #A13EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13EC0  
}
```

Border

The CSS property to change the border of an element to Hex A13EC0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

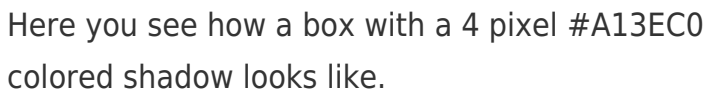
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A13EC0 }
```

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

```
.border{ border-color:#A13EC0 }
```

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



Here you see how a box with a 4 pixel #A13EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13EC0; -webkit-box-shadow:4px 4px  
4px 4px #A13EC0; box-shadow:4px 4px 4px  
4px #A13EC0 }
```

Background

The CSS property to change the background color of an element to Hex A13EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13EC0 }
```

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

```
.background{ background-color:#A13EC0 }
```

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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