

Converting Colors

Hex(A13BBF)

Have a look what the booklet for
Hex(A13BBF) contains.

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Color

Hex(A13BBF)

Conversions

Conversions Part 1

Format	Color
Hex	A13BBF
RGB	161, 59, 191
RGB Percent	63%, 23%, 75%
CMY	0.3686, 0.7686, 0.2510
CMYK	0.16, 0.69, 0.00, 0.25
HSL	286°, 53%, 49%
HSV	286°, 69%, 75%
XYZ	25.6659, 14.4666, 50.7298
YIQ	104.5460, 18.4200, 62.6760

Conversions

Conversions Part 2

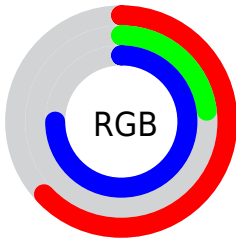
Format	Color
R_{YB}	161, 59, 191
Decimal	10566591
CIE _{Lab}	44.89, 60.70, -50.06
CIE _{LCh}	45, 78.678, 320.490
Yxy	14.4666, 0.2825, 0.1592
Android (android.graphics.Color)	4288756671 (0xFFA13BBF)
YUV	104.5460, 42.6218, 49.5102
Hunter-Lab	38.0350, 53.8901, -52.4546

Details

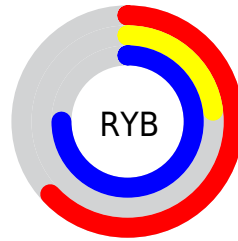
The Hex color **A13BBF** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **59BF3B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **DB72F8**, and **690089** is the 20% darker color. If you saturate the color by 10%, you get **9D28BF**, and if you desaturate by 10%, it is **A54EBF**.

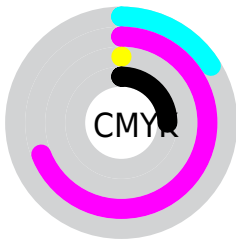
Distribution



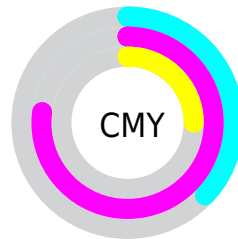
- Red (63%)
- Green (23%)
- Blue (75%)



- Red (63%)
- Yellow (23%)
- Blue (75%)



- Cyan (16%)
- Magenta (69%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (77%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color A13BBF 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 A13BBF by changing the saturation by 10% instead.

 A13BBF

 A13BBF

FFFFFF

 851CA3

 DB72F8

 690089

 F98EFF

 4E006F

 FFAAFF

 330056

 FFC6FF

 17003E

 FFE3FF

 000326

 000110

 000000

 A13BBF

 A13BBF

9D28BF

A54EBF

9815BF

AA61BF

9402BF

AE74BF

9400BF

B287BF

B79BBF

BBAEBF

BFC1BF

C4D4BF

C8E7BF

Harmonies

Analogous

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



0063E7



A13BBF



D10082

Triad

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



A13BBF



936000



008597

Complementary

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



A13BBF



59BF3B

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.



008452



A13BBF



577400

Square

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



A13BBF



BF3D00



007F00



0083D0

Rectangle

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



A13BBF



D90057



007F00



008580

Sweetspot

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



A13BBF



ECC3F7



3B5ABF



765E7D



FCFCFC



7D7D7D

Same Dimension

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



A13BBF



C92AF7



BF3B9C



5C555E



7A009E



18001F

Inverse Universe

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



BF3B59



F72A59



3BBF5E



5E5557



9E0024



1F0007

Previews

White Background



This preview shows how the Hex color A13BBF looks on a white background.

Color Contrast Check

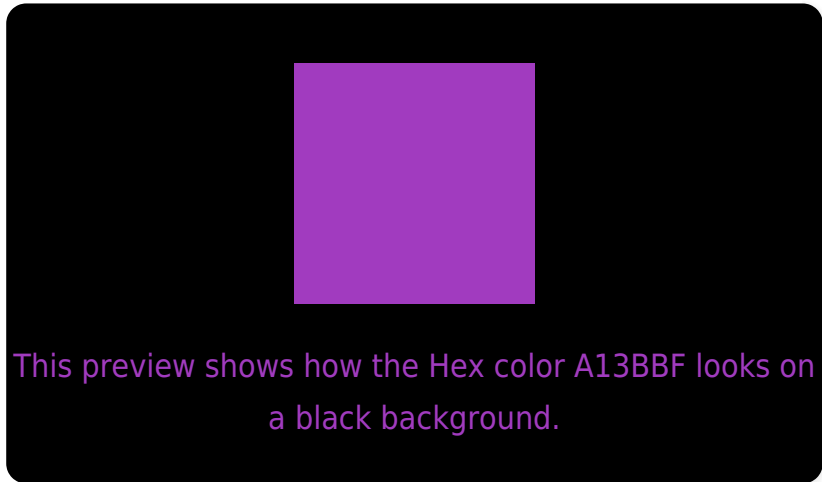
Large Text (above 18pt) WCAG AA ✓ Pass

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 A13BBF Background



This preview shows how black text looks on a background with the Hex color A13BBF.

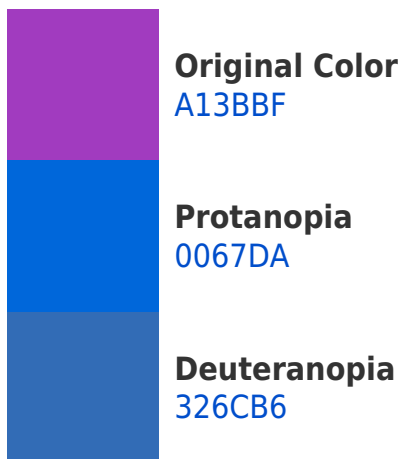



This preview shows how white text looks on a background with the Hex color A13BBF.

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](#).

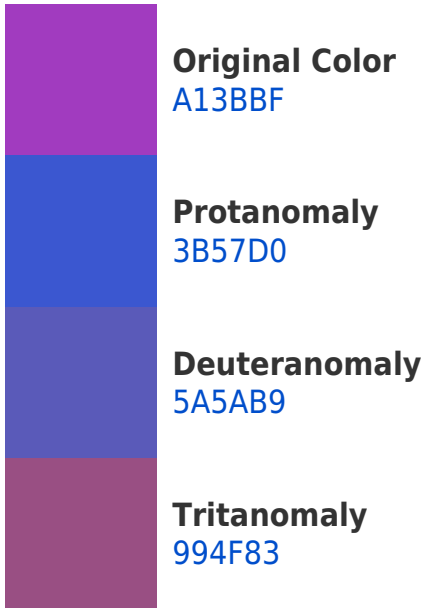
Dichromacy



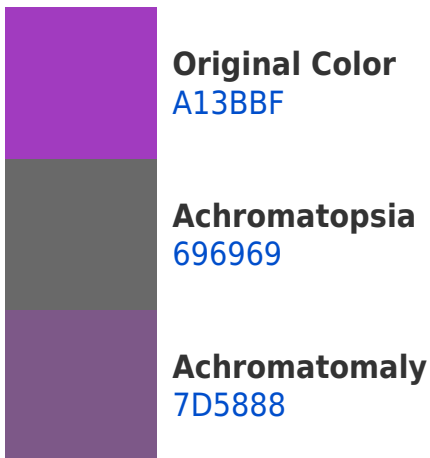


Tritanopia
945A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A13BBF 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 #A13BBF looks like.

```
.text, #text, p{  
    color:#A13BBF  
}
```

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 #A13BBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13BBF
}
```

Border

The CSS property to change the border of an element to Hex A13BBF 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".

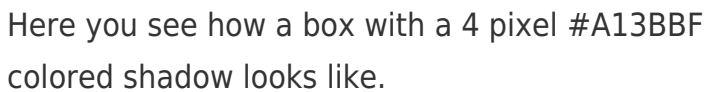
```
.border, #border, table{ border:4px solid
#A13BBF }
```

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

```
.border{ border-color:#A13BBF }
```

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

Here you see how a box with a 4 pixel #A13BBF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13BBF; -webkit-box-shadow:4px 4px  
4px 4px #A13BBF; box-shadow:4px 4px 4px  
4px #A13BBF }
```

Background

The CSS property to change the background color of an element to Hex A13BBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13BBF }
```

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

```
.background{ background-color:#A13BBF }
```

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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