

Converting Colors

Hex(B13AF0)

Have a look what the booklet for
Hex(B13AF0) contains.

Hex(B13AF0)	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>	29

Color

Hex(B13AF0)

Conversions

Conversions Part 1

Format	Color
Hex	B13AF0
RGB	177, 58, 240
RGB Percent	69%, 23%, 94%
CMY	0.3059, 0.7725, 0.0588
CMYK	0.26, 0.76, 0.00, 0.06
HSL	279°, 86%, 58%
HSV	279°, 76%, 94%
XYZ	35.3727, 18.6645, 84.1763
YIQ	114.3290, 12.5020, 81.8300

Conversions

Conversions Part 2

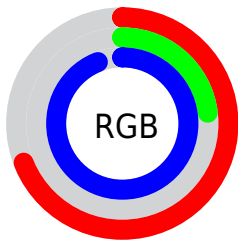
Format	Color
R_{YB}	177, 58, 240
Decimal	11614960
CIE _{Lab}	50.29, 73.91, -69.26
CIE _{LCh}	50, 101.288, 316.859
Yxy	18.6645, 0.2559, 0.1350
Android (android.graphics.Color)	4289805040 (0xFFB13AF0)
YUV	114.3290, 61.9558, 54.9625
Hunter-Lab	43.2024, 70.5456, -85.2799

Details

The Hex color **B13AF0** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **79F03A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ED75FF**, and **7600B7** is the 20% darker color. If you saturate the color by 10%, you get **A922F0**, and if you desaturate by 10%, it is **B952F0**.

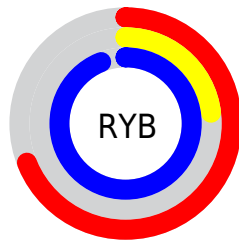
Distribution



Red (69%)

Green (23%)

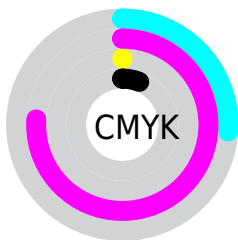
Blue (94%)



Red (69%)

Yellow (23%)

Blue (94%)

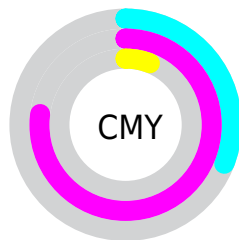


Cyan (26%)

Magenta (76%)

Yellow (0%)

Black (6%)



Cyan (31%)

Magenta (77%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13AF0 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 B13AF0 by changing the saturation by 10% instead.

 B13AF0

 B13AF0

FFFFFF

 9313D3

 ED75FF

 7600B7

 FF92FF

 58009B

 FFAEFF

 3A0080

 FFCBFF

 1B0066

 FFE9FF

 00004D

 000535

 00021F

 000002

 B13AF0

 B13AF0

 A922F0

 B952F0

 A00AF0

 C26AF0

 9D00F0

 CA82F0

 D29AF0

 DBB2F0

 E3CAF0

 EBE2F0

 F3FAF0

 FCFFF0

Harmonies

Analogous

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



0073FF



B13AF0



F800A1

Triad

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



B13AF0



B16600



0099A8

Complementary

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



B13AF0



79F03A

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.



00964D



B13AF0



648300

Square

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



B13AF0



E92800



009000



0098F6

Rectangle

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



B13AF0



FF0069



009000



00988A

Sweetspot

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



B13AF0



EBC4FF



3A7AF0



735C80



000000



808080

Same Dimension

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



B13AF0



AF17FF



F03AD5



746C78



7800B8



250038

Inverse Universe

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



F03A79



FF1767



3AF055



786C70



B80040



380013

Previews

White Background



This preview shows how the Hex color B13AF0 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

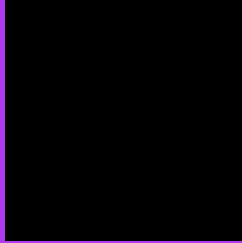
Any Text WCAG AA ✓ Pass

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 B13AF0 Background



This preview shows how black text looks on a background with the Hex color B13AF0.

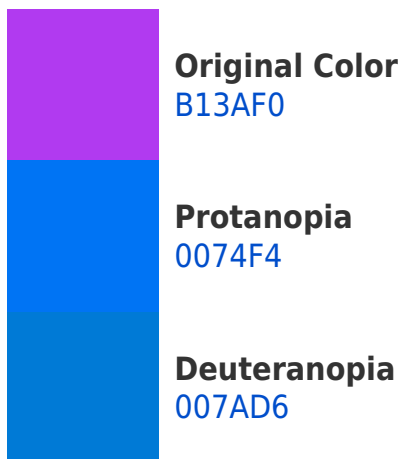


This preview shows how white text looks on a background with the Hex color B13AF0.

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](#).

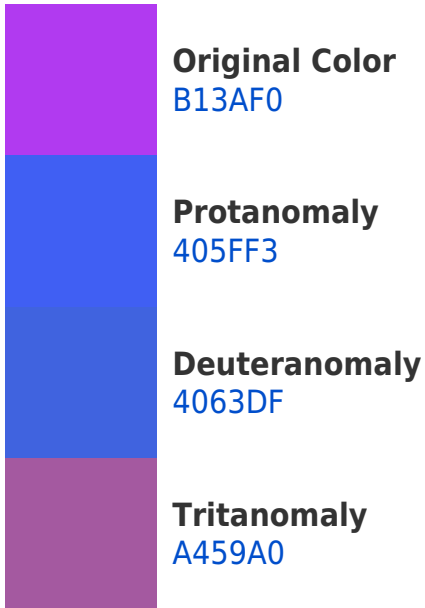
Dichromacy



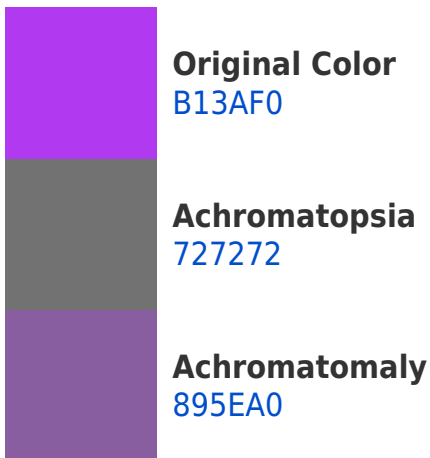


Tritanopia
9C6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B13AF0 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 #B13AF0 looks like.

```
.text, #text, p{  
    color:#B13AF0  
}
```

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 #B13AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13AF0
}
```

Border

The CSS property to change the border of an element to Hex B13AF0 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
#B13AF0 }
```

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

```
.border{ border-color:#B13AF0 }
```

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

Here you see how a box with a 4 pixel #B13AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13AF0; -webkit-box-shadow:4px 4px  
4px 4px #B13AF0; box-shadow:4px 4px 4px  
4px #B13AF0 }
```

Background

The CSS property to change the background color of an element to Hex B13AF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13AF0 }
```

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

```
.background{ background-color:#B13AF0 }
```

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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