

Converting Colors

Hex(B13EB5)

Have a look what the booklet for
Hex(B13EB5) contains.

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Color

Hex(B13EB5)

Conversions

Conversions Part 1

Format	Color
Hex	B13EB5
RGB	177, 62, 181
RGB Percent	69%, 24%, 71%
CMY	0.3059, 0.7569, 0.2902
CMYK	0.02, 0.66, 0.00, 0.29
HSL	298°, 49%, 48%
HSV	298°, 66%, 71%
XYZ	28.1946, 16.1286, 45.3432
YIQ	109.9510, 30.3410, 61.3890

Conversions

Conversions Part 2

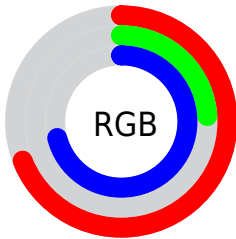
Format	Color
R_{YB}	177, 62, 181
Decimal	11615925
CIE _{Lab}	47.14, 61.29, -40.49
CIE _{LCh}	47, 73.459, 326.555
Yxy	16.1286, 0.3144, 0.1799
Android (android.graphics.Color)	4289806005 (0xFFB13EB5)
YUV	109.9510, 35.0272, 58.8020
Hunter-Lab	40.1604, 55.0352, -38.8293

Details

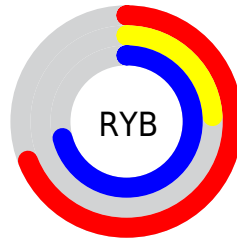
The Hex color **B13EB5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42B53E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **EB76ED**, and **79007F** is the 20% darker color. If you saturate the color by 10%, you get **B02CB5**, and if you desaturate by 10%, it is **B250B5**.

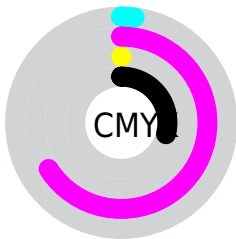
Distribution



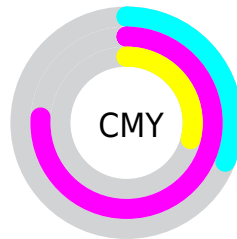
- Red (69%)
- Green (24%)
- Blue (71%)



- Red (69%)
- Yellow (24%)
- Blue (71%)



- Cyan (2%)
- Magenta (66%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (76%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13EB5 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 B13EB5 by changing the saturation by 10% instead.

 B13EB5

 B13EB5

FFFFFF

 951E9A

 EB76ED

 79007F

 FF92FF

 5D0066

 FFAEFF


 43004D

 FFCBFF

 2A0036

 FFE8FF

 00001F

 000003

 000000

 B13EB5

 B13EB5

 B02CB5

 B250B5

 B01AB5

 B262B5

 AF08B5

 B374B5

 AF00B5

 B386B5

 B499B5

 B5ABB5

 B5BDB5

 B6CFB5

 B6E1B5

Harmonies

Analogous

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



5563E0



B13EB5



D6147A

Triad

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



B13EB5



8E6B00



008AA6

Complementary

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



B13EB5



42B53E

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.



008967



B13EB5



527C00

Square

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



B13EB5



BB4F00



008523



0086D7

Rectangle

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



B13EB5



D91A51



008523



008A91

Sweetspot

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



B13EB5



E9BCEB



3E44B5



745975



F5F5F5



757575

Same Dimension

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



B13EB5



E431EB



B53E7F



595059



940099



19001A

Inverse Universe

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



B53E42



EB3137



3EB574



595051



990005



1A0001

Previews

White Background



This preview shows how the Hex color B13EB5 looks on a white background.

Color Contrast Check

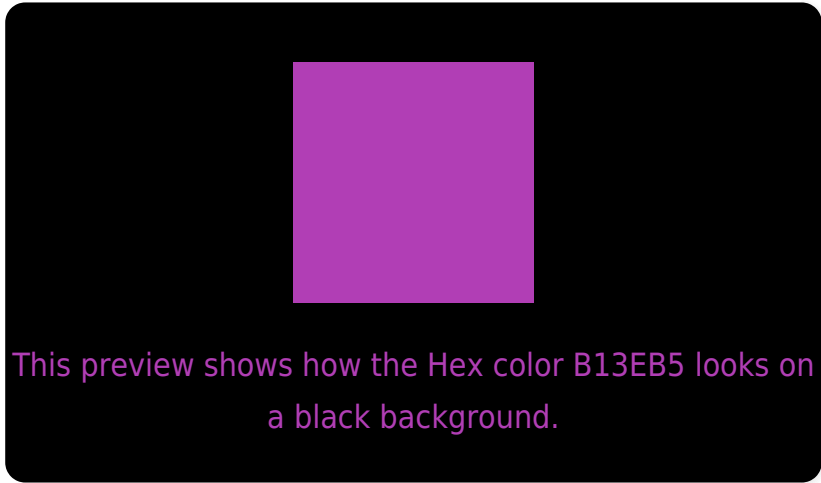
Large Text (above 18pt) WCAG AA ✓ Pass

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

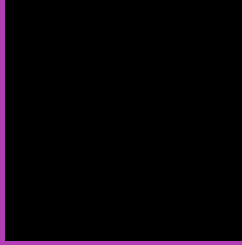
Any Text WCAG AA × Fail

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 B13EB5 Background



This preview shows how black text looks on a background with the Hex color B13EB5.

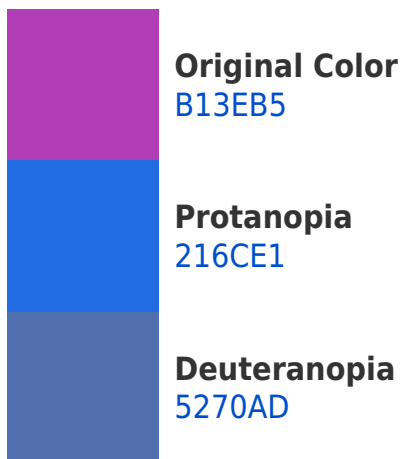



This preview shows how white text looks on a background with the Hex color B13EB5.

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
A7595F

Trichromacy



Original Color
B13EB5



Protanomaly
555BD1



Deuteranomaly
755EB0



Tritanomaly
AB4F7E

Monochromacy



Original Color
B13EB5



Achromatopsia
6E6E6E



Achromatomaly
865D88

CSS Examples

Text

The CSS property to change the color of the text to Hex B13EB5 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 #B13EB5 looks like.

```
.text, #text, p{  
    color:#B13EB5  
}
```

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 #B13EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13EB5
}
```

Border

The CSS property to change the border of an element to Hex B13EB5 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
#B13EB5 }
```

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

```
.border{ border-color:#B13EB5 }
```

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

Here you see how a box with a 4 pixel #B13EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13EB5; -webkit-box-shadow:4px 4px  
4px 4px #B13EB5; box-shadow:4px 4px 4px  
4px #B13EB5 }
```

Background

The CSS property to change the background color of an element to Hex B13EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13EB5 }
```

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

```
.background{ background-color:#B13EB5 }
```

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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