

Converting Colors

Hex(B042E3)

Have a look what the booklet for
Hex(B042E3) contains.

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Color

Hex(B042E3)

Conversions

Conversions Part 1

Format	Color
Hex	B042E3
RGB	176, 66, 227
RGB Percent	69%, 26%, 89%
CMY	0.3098, 0.7412, 0.1098
CMYK	0.22, 0.71, 0.00, 0.11
HSL	281°, 74%, 57%
HSV	281°, 71%, 89%
XYZ	33.7178, 18.6726, 74.5001
YIQ	117.2440, 13.8790, 73.3910

Conversions

Conversions Part 2

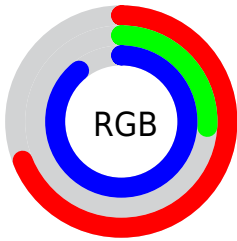
Format	Color
R _Y B	176, 66, 227
Decimal	11551459
CIE Lab	50.30, 68.17, -61.92
CIE LCh	50, 92.093, 317.748
Yxy	18.6726, 0.2657, 0.1472
Android (android.graphics.Color)	4289741539 (0xFFB042E3)
YUV	117.2440, 54.1097, 51.5290
Hunter-Lab	43.2118, 63.6616, -71.9718

Details

The Hex color **B042E3** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **75E342**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EB7BFF**, and **7600AB** is the 20% darker color. If you saturate the color by 10%, you get **A92BE3**, and if you desaturate by 10%, it is **B759E3**.

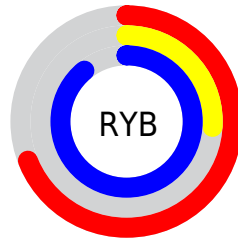
Distribution



Red (69%)

Green (26%)

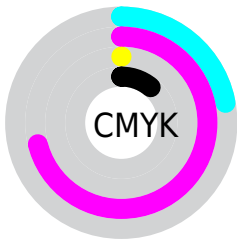
Blue (89%)



Red (69%)

Yellow (26%)

Blue (89%)

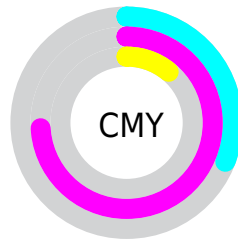


Cyan (22%)

Magenta (71%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (74%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B042E3 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 B042E3 by changing the saturation by 10% instead.

 B042E3

 B042E3

FFFFFF

 9322C6

 EB7BFF

 7600AB

 FF97FF

 5A008F

 FFB3FF

 3C0075

 FFD0FF

 21005C

 FFE0FF

 000043

 00032B

 000116

 000000

 B042E3

 B042E3

 A92BE3

 B759E3

 A215E3

 BE6FE3

 9B00E3

 C686E3

 CD9DE3

 D4B3E3

 DBCAE3

 E2E1E3

 EAF8E3

 F1FFE3

Harmonies

Analogous

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



0072FF



B042E3



EE009B

Triad

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



B042E3



AC6900



0097A6

Complementary

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



B042E3



75E342

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.



009553



B042E3



678200

Square

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



B042E3



E03900



008F00



0095EC

Rectangle

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



B042E3



FB0067



008F00



00978B

Sweetspot

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



B042E3



EEC9FF



4278E3



756080



000000



808080

Same Dimension

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



B042E3



BA26FF



E342C8



6F6773



7A00B3



230033

Inverse Universe

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



E34275



FF266B



42E35D



73676B



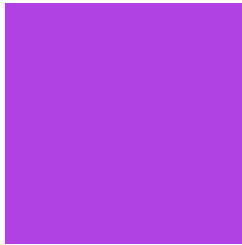
B30039



330010

Previews

White Background



This preview shows how the Hex color B042E3 looks on a white background.

Color Contrast Check

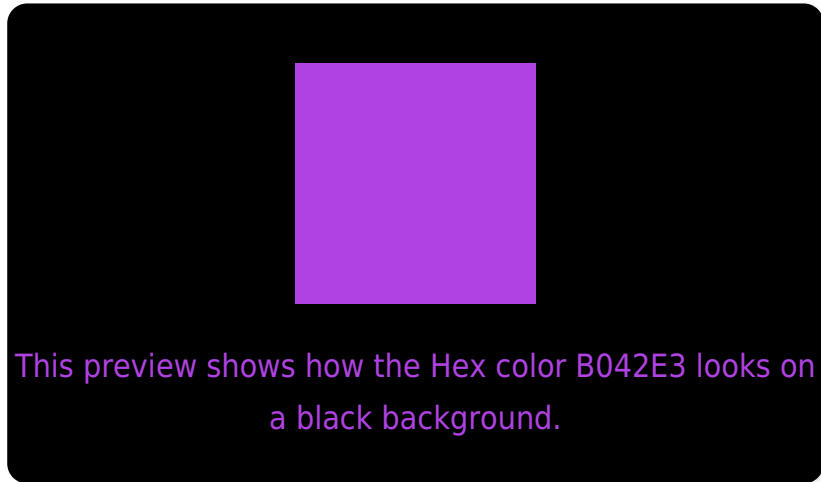
Large Text (above 18pt) WCAG AA ✓ Pass

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

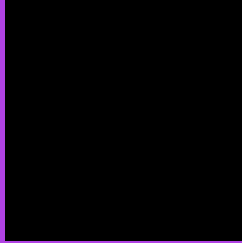
Any Text WCAG AA ✓ Pass

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 B042E3 Background



This preview shows how black text looks on a background with the Hex color B042E3.

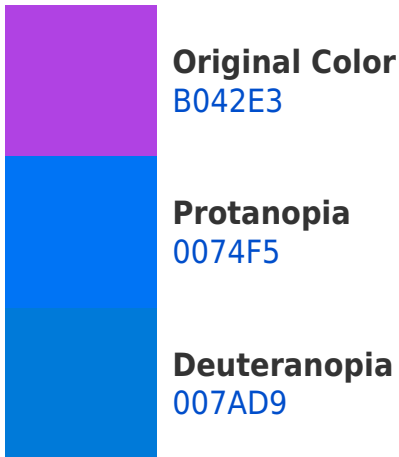



This preview shows how white text looks on a background with the Hex color B042E3.

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](#).

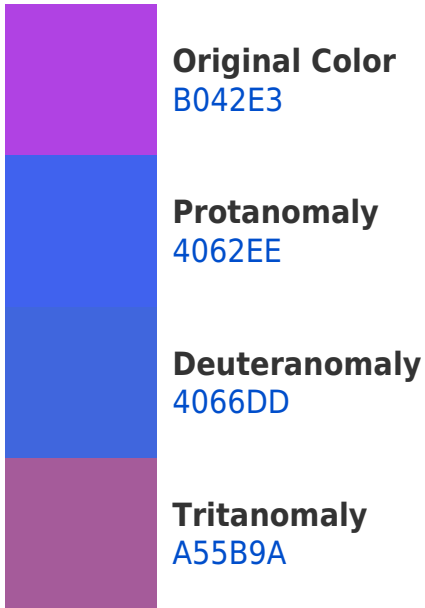
Dichromacy



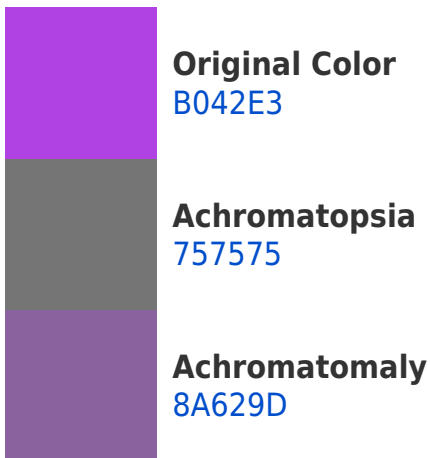


Tritanopia
9E6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B042E3 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 #B042E3 looks like.

```
.text, #text, p{  
    color:#B042E3  
}
```

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 #B042E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B042E3
}
```

Border

The CSS property to change the border of an element to Hex B042E3 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
#B042E3 }
```

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

```
.border{ border-color:#B042E3 }
```

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

Here you see how a box with a 4 pixel #B042E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B042E3; -webkit-box-shadow:4px 4px  
4px 4px #B042E3; box-shadow:4px 4px 4px  
4px #B042E3 }
```

Background

The CSS property to change the background color of an element to Hex B042E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B042E3 }
```

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

```
.background{ background-color:#B042E3 }
```

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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