

Converting Colors

Hex(B142F3)

Have a look what the booklet for
Hex(B142F3) contains.

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Color

Hex(B142F3)

Conversions

Conversions Part 1

Format	Color
Hex	B142F3
RGB	177, 66, 243
RGB Percent	69%, 26%, 95%
CMY	0.3059, 0.7412, 0.0471
CMYK	0.27, 0.73, 0.00, 0.05
HSL	278°, 88%, 61%
HSV	278°, 73%, 95%
XYZ	36.2573, 19.7146, 86.6883
YIQ	119.3670, 9.3390, 78.5790

Conversions

Conversions Part 2

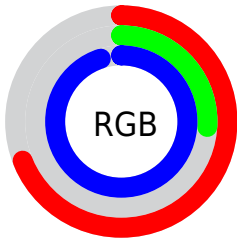
Format	Color
R_{YB}	177, 66, 243
Decimal	11617011
CIE _{Lab}	51.51, 71.62, -68.96
CIE _{LCh}	52, 99.425, 316.082
Yxy	19.7146, 0.2542, 0.1382
Android (android.graphics.Color)	4289807091 (0xFFB142F3)
YUV	119.3670, 60.9511, 50.5441
Hunter-Lab	44.4011, 68.0586, -84.6764

Details

The Hex color **B142F3** 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 **84F342**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ED7BFF**, and **7600BA** is the 20% darker color. If you saturate the color by 10%, you get **A82AF3**, and if you desaturate by 10%, it is **BA5AF3**.

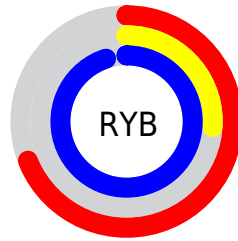
Distribution



Red (69%)

Green (26%)

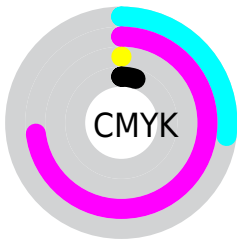
Blue (95%)



Red (69%)

Yellow (26%)

Blue (95%)

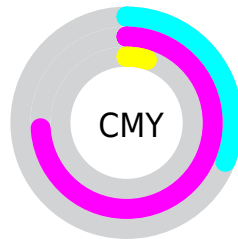


Cyan (27%)

Magenta (73%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (74%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B142F3 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 B142F3 by changing the saturation by 10% instead.

 B142F3

 B142F3

FFFFFF

 9421D6

 ED7BFF

 7600BA

 FF98FF

 59009E

 FFB4FF

 3A0083

 FFD1FF

 190069

 FFEFFF

 000050

 000538

 000221

 000006

 B142F3

 B142F3

 A82AF3

 BA5AF3

 9F11F3

 C373F3

 9800F3

 CC8BF3

 D5A3F3

 DEBBF3

 E7D4F3

 F0ECF3

 F9FFF3

 FFFFF3

Harmonies

Analogous

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



0077FF



B142F3



F900A6

Triad

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



B142F3



B66800



009CA8

Complementary

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



B142F3



84F342

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.



00994E



B142F3



6B8500

Square

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



B142F3



EC2D00



009300



009BF6

Rectangle

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



B142F3



FF006E



009300



009B8B

Sweetspot

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



B142F3



EAC7FF



4286F3



735E80



000000



808080

Same Dimension

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



B142F3



AC21FF



F342DE



766E7A



7500BA



25003B

Inverse Universe

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



F34284



FF2174



42F357



7A6E73



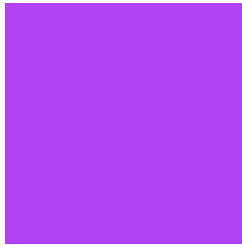
BA0045



3B0016

Previews

White Background



This preview shows how the Hex color B142F3 looks on a white background.

Color Contrast Check

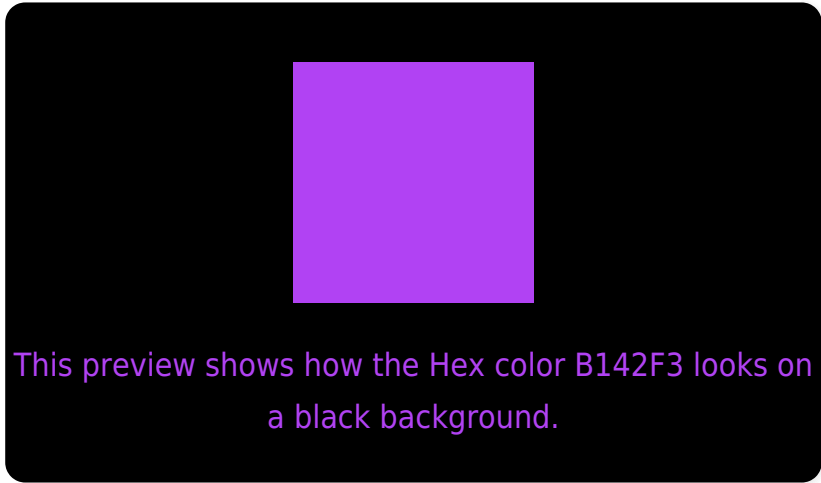
Large Text (above 18pt) WCAG AA ✓ Pass

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

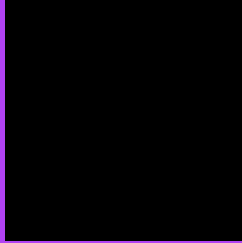
Any Text WCAG AA ✓ Pass

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 B142F3 Background



This preview shows how black text looks on a background with the Hex color B142F3.

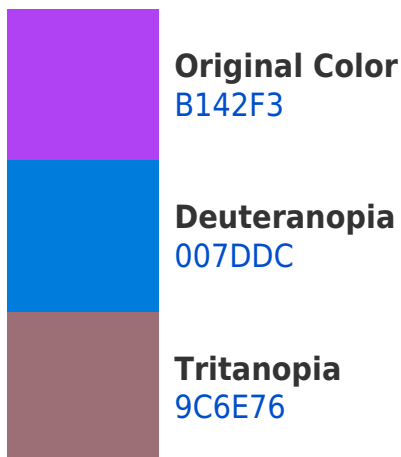


This preview shows how white text looks on a background with the Hex color B142F3.

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



Trichromacy



Original Color
B142F3



Deuteranomaly
4068E4

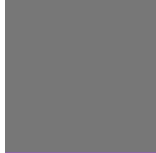


Tritanomaly
A45EA3

Monochromacy



Original Color
B142F3



Achromatopsia
777777



Achromatomaly
8C64A4

CSS Examples

Text

The CSS property to change the color of the text to Hex B142F3 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 #B142F3 looks like.

```
.text, #text, p{  
    color:#B142F3  
}
```

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 #B142F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B142F3
}
```

Border

The CSS property to change the border of an element to Hex B142F3 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
#B142F3 }
```

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

```
.border{ border-color:#B142F3 }
```

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

Here you see how a box with a 4 pixel #B142F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B142F3; -webkit-box-shadow:4px 4px  
4px 4px #B142F3; box-shadow:4px 4px 4px  
4px #B142F3 }
```

Background

The CSS property to change the background color of an element to Hex B142F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B142F3 }
```

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

```
.background{ background-color:#B142F3 }
```

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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