

Converting Colors

Hex(B42EF2)

Have a look what the booklet for
Hex(B42EF2) contains.

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Color

Hex(**B42EF2**)

Conversions

Conversions Part 1

Format	Color
Hex	B42EF2
RGB	180, 46, 242
RGB Percent	71%, 18%, 95%
CMY	0.2941, 0.8196, 0.0510
CMYK	0.26, 0.81, 0.00, 0.05
HSL	281°, 88%, 56%
HSV	281°, 81%, 95%
XYZ	35.8264, 18.0681, 85.6036
YIQ	108.4100, 16.9480, 89.3640

Conversions

Conversions Part 2

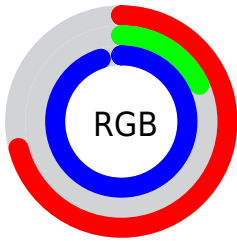
Format	Color
R _Y B	180, 46, 242
Decimal	11808498
CIE Lab	49.58, 78.51, -71.52
CIE LCh	50, 106.208, 317.668
Yxy	18.0681, 0.2568, 0.1295
Android (android.graphics.Color)	4289998578 (0xFFB42EF2)
YUV	108.4100, 65.8599, 62.7844
Hunter-Lab	42.5066, 76.0611, -89.6490

Details

The Hex color **B42EF2** 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 **6CF22E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F16DFF**, and **7900B9** is the 20% darker color. If you saturate the color by 10%, you get **AC16F2**, and if you desaturate by 10%, it is **BC46F2**.

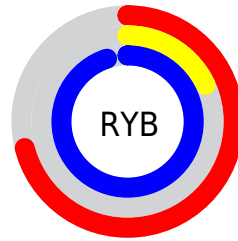
Distribution



Red (71%)

Green (18%)

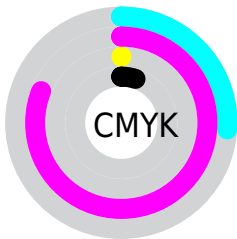
Blue (95%)



Red (71%)

Yellow (18%)

Blue (95%)

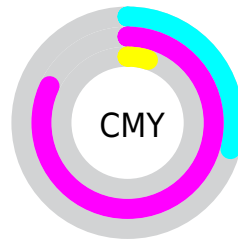


Cyan (26%)

Magenta (81%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (82%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B42EF2 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 B42EF2 by changing the saturation by 10% instead.

 B42EF2

 B42EF2

FFFFFF

 9600D5

 F16DFF

 7900B9

 FF8AFF

 5B009D

 FFA7FF

 3B0082

 FFC4FF

 1C0068

 FFE2FF

 00004F

 000536

 000220

 000004

 B42EF2

 B42EF2

 AC16F2

 BC46F2

 A500F2

 C35EF2

 CB77F2

 D38FF2

 DAA7F2

 E2BFF2

 EAD7F2

 F1F0F2

 F9FFF2

Harmonies

Analogous

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



0071FF



B42EF2



FC009F

Triad

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



B42EF2



AE6500



0098AB

Complementary

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



B42EF2



6CF22E

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.



00954C



B42EF2



5D8200

Square

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



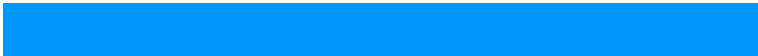
B42EF2



E91C00



008F00



0097FD

Rectangle

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



B42EF2



FF0064



008F00



00978C

Sweetspot

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



B42EF2



ECC2FF



2E6CF2



745B80



000000



808080

Same Dimension

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



B42EF2



B108FF



F22ECE



746C78



7E00B8



260038

Inverse Universe

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



F22E6C



FF0856



2EF252



786C70



B8003A



380012

Previews

White Background



This preview shows how the Hex color B42EF2 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

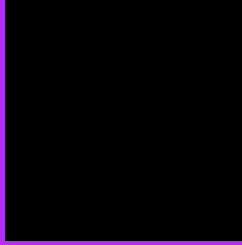
Any Text WCAG AA ✓ Pass

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 B42EF2 Background



This preview shows how black text looks on a background with the Hex color B42EF2.



This preview shows how white text looks on a background with the Hex color B42EF2.

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
B42EF2



Deuteranomaly
415EDE



Tritanomaly
A7529D

Monochromacy



Original Color
B42EF2



Achromatopsia
6C6C6C



Achromatomaly
86559D

CSS Examples

Text

The CSS property to change the color of the text to Hex B42EF2 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 #B42EF2 looks like.

```
.text, #text, p{  
    color:#B42EF2  
}
```

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 #B42EF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B42EF2
}
```

Border

The CSS property to change the border of an element to Hex B42EF2 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
#B42EF2 }
```

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

```
.border{ border-color:#B42EF2 }
```

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

Here you see how a box with a 4 pixel #B42EF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B42EF2; -webkit-box-shadow:4px 4px  
4px 4px #B42EF2; box-shadow:4px 4px 4px  
4px #B42EF2 }
```

Background

The CSS property to change the background color of an element to Hex B42EF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B42EF2 }
```

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

```
.background{ background-color:#B42EF2 }
```

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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