

Converting Colors

Hex(B15FE2)

Have a look what the booklet for
Hex(B15FE2) contains.

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Color

Hex(**B15FE2**)

Conversions

Conversions Part 1

Format	Color
Hex	B15FE2
RGB	177, 95, 226
RGB Percent	69%, 37%, 89%
CMY	0.3059, 0.6275, 0.1137
CMYK	0.22, 0.58, 0.00, 0.11
HSL	278°, 69%, 63%
HSV	278°, 58%, 89%
XYZ	35.9511, 23.0225, 74.5005
YIQ	134.4520, 6.8210, 58.1250

Conversions

Conversions Part 2

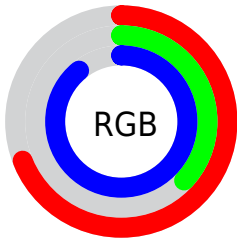
Format	Color
RYB	177, 95, 226
Decimal	11624418
CIELab	55.10, 55.15, -53.66
CIElCh	55, 76.949, 315.787
Yxy	23.0225, 0.2693, 0.1725
Android (android.graphics.Color)	4289814498 (0xFFB15FE2)
YUV	134.4520, 45.1332, 37.3146
Hunter-Lab	47.9818, 49.7759, -58.4713

Details

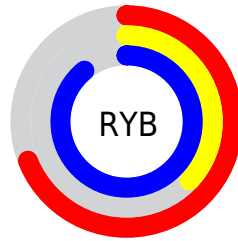
The Hex color **B15FE2** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **90E25F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EB95FF**, and **7929AA** is the 20% darker color. If you saturate the color by 10%, you get **A948E2**, and if you desaturate by 10%, it is **B976E2**.

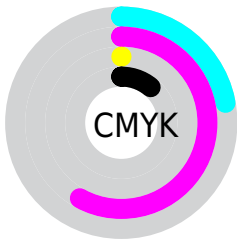
Distribution



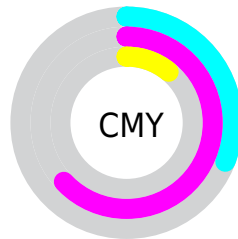
- Red (69%)
- Green (37%)
- Blue (89%)



- Red (69%)
- Yellow (37%)
- Blue (89%)



- Cyan (22%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (63%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B15FE2 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 B15FE2 by changing the saturation by 10% instead.

 B15FE2

 B15FE2

FFFFFF

 9545C6

 EB95FF

 7929AA

 FFB1FF

 5D068F

 FFCDFE

 410075

 FFEAFF

 25005B

 020043

 00032B

 000116

 000000

 B15FE2

 B15FE2

 A948E2

 B976E2

 A032E2

 C28CE2

 981BE2

 CAA3E2

 8F05E2

 D3B9E2

 8D00E2

 DBD0E2

 E4E7E2

 ECFDE2

 F5FFE2

 FDFFE2

Harmonies

Analogous

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



0080FF



B15FE2



E939A6

Triad

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



B15FE2



B97500



00A1A6

Complementary

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



B15FE2



90E25F

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.



009F61



B15FE2



7F8C00

Square

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



B15FE2



E45423



219914



009FE3

Rectangle

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



B15FE2



F72D7A



219914



00A18F

Sweetspot

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



B15FE2



EFD4FF



5F91E2



766680



000000



808080

Same Dimension

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



B15FE2



BC4DFF



E25FD3



6C6570



6E00B0



1E0030

Inverse Universe

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



E25F90



FF4D8F



5FE26E



706569



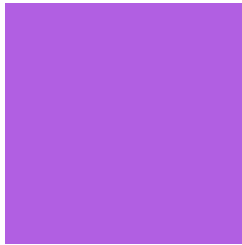
B00042



300012

Previews

White Background



This preview shows how the Hex color B15FE2 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

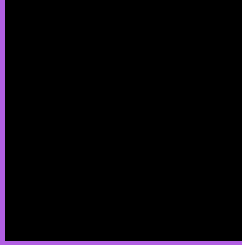
Any Text WCAG AA ✓ Pass

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 B15FE2 Background



This preview shows how black text looks on a background with the Hex color B15FE2.

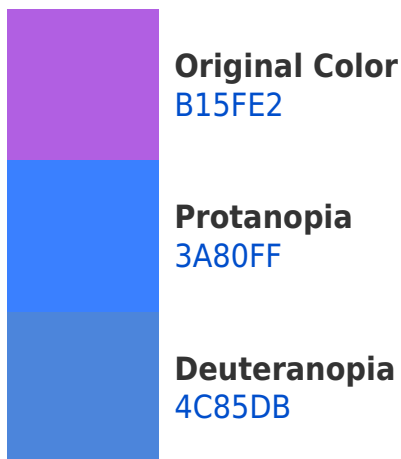


This preview shows how white text looks on a background with the Hex color B15FE2.

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](#).

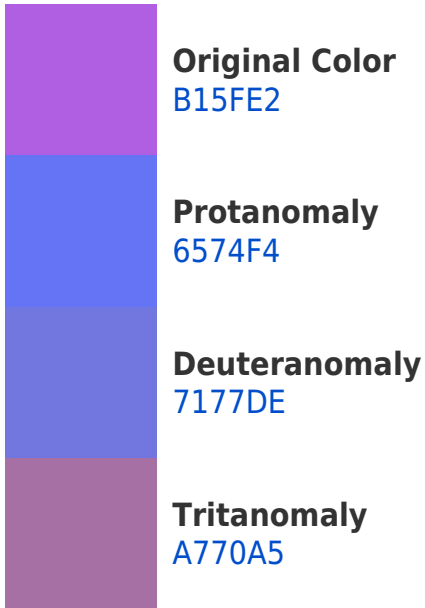
Dichromacy



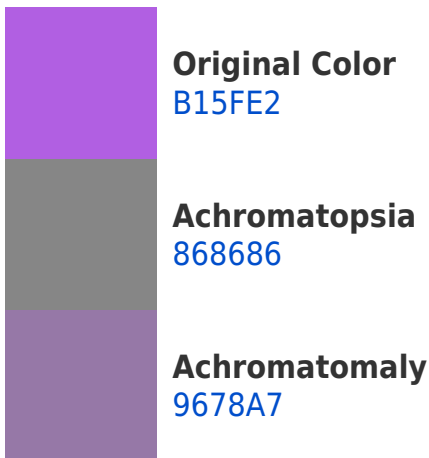


Tritanopia
A27982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B15FE2 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 #B15FE2 looks like.

```
.text, #text, p{  
    color:#B15FE2  
}
```

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 #B15FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B15FE2
}
```

Border

The CSS property to change the border of an element to Hex B15FE2 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
#B15FE2 }
```

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

```
.border{ border-color:#B15FE2 }
```

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

Here you see how a box with a 4 pixel #B15FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B15FE2; -webkit-box-shadow:4px 4px  
4px 4px #B15FE2; box-shadow:4px 4px 4px  
4px #B15FE2 }
```

Background

The CSS property to change the background color of an element to Hex B15FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B15FE2 }
```

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

```
.background{ background-color:#B15FE2 }
```

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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