

Converting Colors

Hex(B35DF7)

Have a look what the booklet for
Hex(B35DF7) contains.

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Color

Hex(B35DF7)

Conversions

Conversions Part 1

Format	Color
Hex	B35DF7
RGB	179, 93, 247
RGB Percent	70%, 36%, 97%
CMY	0.2980, 0.6353, 0.0314
CMYK	0.28, 0.62, 0.00, 0.03
HSL	274°, 91%, 67%
HSV	274°, 62%, 97%
XYZ	39.2933, 24.1278, 90.5818
YIQ	136.2700, 1.8220, 66.1260

Conversions

Conversions Part 2

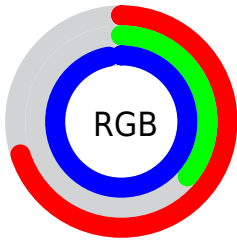
Format	Color
R _Y B	179, 93, 247
Decimal	11754999
CIE Lab	56.22, 61.20, -63.59
CIE LCh	56, 88.257, 313.903
Yxy	24.1278, 0.2551, 0.1567
Android (android.graphics.Color)	4289945079 (0xFFB35DF7)
YUV	136.2700, 54.5899, 37.4742
Hunter-Lab	49.1201, 56.8297, -74.9521

Details

The Hex color **B35DF7** 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 **A1F75D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EE93FF**, and **7925BE** is the 20% darker color. If you saturate the color by 10%, you get **A844F7**, and if you desaturate by 10%, it is **BE76F7**.

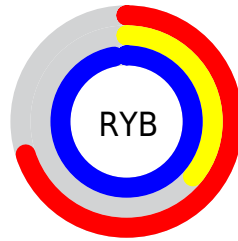
Distribution



Red (70%)

Green (36%)

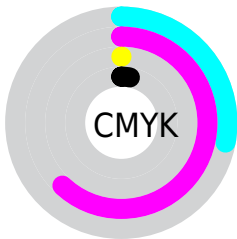
Blue (97%)



Red (70%)

Yellow (36%)

Blue (97%)

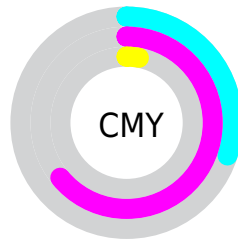


Cyan (28%)

Magenta (62%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (64%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B35DF7 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 B35DF7 by changing the saturation by 10% instead.

 B35DF7

 B35DF7

FFFFFF

 9642DA

 EE93FF

 7925BE

 FFAFFF

 5C00A2

 FFCCFF

 3F0087

 FFE9FF

 1E006D

 000054

 00043B

 000225

 00010D

 B35DF7

 B35DF7

 A844F7

 BE76F7

 9D2CF7

 C98EF7

 9213F7

 D4A7F7

 8A00F7

 DFC0F7

 EAD8F7

 F4F1F7

 FFFFF7

Harmonies

Analogous

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



0085FF



B35DF7



F81FB3

Triad

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



B35DF7



C57400



00A7AA

Complementary

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



B35DF7



A1F75D

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.



00A459



B35DF7



838F00

Square

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



B35DF7



F54919



009D00



00A5F1

Rectangle

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



B35DF7



FF0080



009D00



00A68F

Sweetspot

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



B35DF7



EACFFF



5DA2F7



736280



000000



808080

Same Dimension

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



B35DF7



AB40FF



F75DEF



756E7A



6800BA



21003B

Inverse Universe

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



F75DA1



FF4094



5DF765



7A6E74



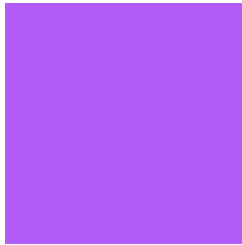
BA0052



3B001A

Previews

White Background



This preview shows how the Hex color B35DF7 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

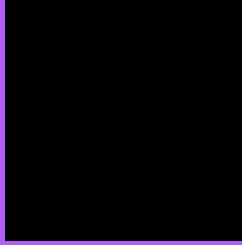
Any Text WCAG AA ✓ Pass

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 B35DF7 Background



This preview shows how black text looks on a background with the Hex color B35DF7.

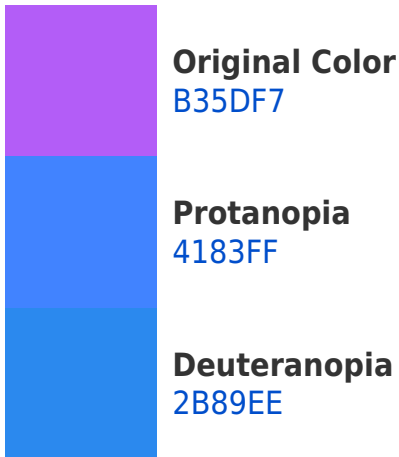


This preview shows how white text looks on a background with the Hex color B35DF7.

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](#).

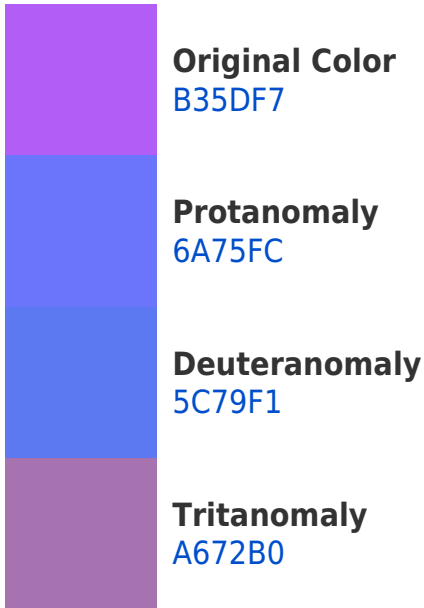
Dichromacy





Tritanopia
9F7E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B35DF7 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 #B35DF7 looks like.

```
.text, #text, p{  
    color:#B35DF7  
}
```

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 #B35DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35DF7
}
```

Border

The CSS property to change the border of an element to Hex B35DF7 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
#B35DF7 }
```

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

```
.border{ border-color:#B35DF7 }
```

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

Here you see how a box with a 4 pixel #B35DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35DF7; -webkit-box-shadow:4px 4px  
4px 4px #B35DF7; box-shadow:4px 4px 4px  
4px #B35DF7 }
```

Background

The CSS property to change the background color of an element to Hex B35DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35DF7 }
```

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

```
.background{ background-color:#B35DF7 }
```

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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