

Converting Colors

Hex(B33BD4)

Have a look what the booklet for
Hex(B33BD4) contains.

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Color

Hex(**B33BD4**)

Conversions

Conversions Part 1

Format	Color
Hex	B33BD4
RGB	179, 59, 212
RGB Percent	70%, 23%, 83%
CMY	0.2980, 0.7686, 0.1686
CMYK	0.16, 0.72, 0.00, 0.17
HSL	287°, 64%, 53%
HSV	287°, 72%, 83%
XYZ	32.0380, 17.4651, 63.9699
YIQ	112.3220, 22.4070, 73.0230

Conversions

Conversions Part 2

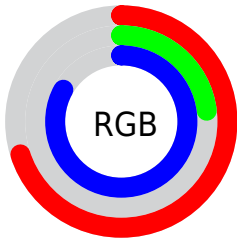
Format	Color
RYB	179, 59, 212
Decimal	11746260
CIELab	48.84, 68.49, -55.71
CIELCh	49, 88.286, 320.872
Yxy	17.4651, 0.2823, 0.1539
Android (android.graphics.Color)	4289936340 (0xFFB33BD4)
YUV	112.3220, 49.1413, 58.4766
Hunter-Lab	41.7913, 63.7070, -61.5013

Details

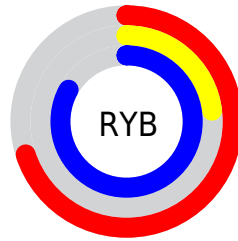
The Hex color **B33BD4** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **5CD43B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **EE75FF**, and **7A009C** is the 20% darker color. If you saturate the color by 10%, you get **AE26D4**, and if you desaturate by 10%, it is **B850D4**.

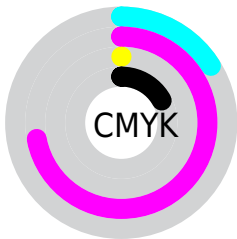
Distribution



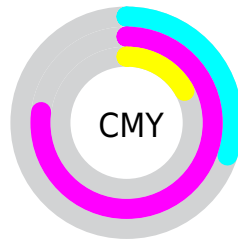
- Red (70%)
- Green (23%)
- Blue (83%)



- Red (70%)
- Yellow (23%)
- Blue (83%)



- Cyan (16%)
- Magenta (72%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (77%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33BD4 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 B33BD4 by changing the saturation by 10% instead.

 B33BD4

 B33BD4

FFFFFF

 9617B8

 EE75FF

 7A009C

 FF91FF

 5D0082

 FFAEFF

 410068

 FFCBFF

 28004F

 FFE8FF

 000037

 000220

 000005

 000000

 B33BD4

 B33BD4

 AE26D4

 B850D4

 AA11D4

 BC65D4

 A600D4

 C17BD4

 C590D4

 CAA5D4

 CEBAD4

 D3CFD4

 D8E5D4

 DCFAD4

Harmonies

Analogous

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



006BFF



B33BD4



E9008E

Triad

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



B33BD4



A16900



0092A8

Complementary

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



B33BD4



5CD43B

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.



00905A



B33BD4



5C8000

Square

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



B33BD4



D34000



008B00



0090E9

Rectangle

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



B33BD4



F1005D



008B00



00928E

Sweetspot

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



B33BD4



F3C7FF



3B5CD4



785E80



000000



808080

Same Dimension

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



B33BD4



CF21FF



D43BA9



69606B



8600AB



22002B

Inverse Universe

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



D43B5C



FF2151



3BD466



6B6063



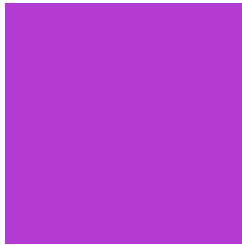
AB0025



2B0009

Previews

White Background



This preview shows how the Hex color B33BD4 looks on a white background.

Color Contrast Check

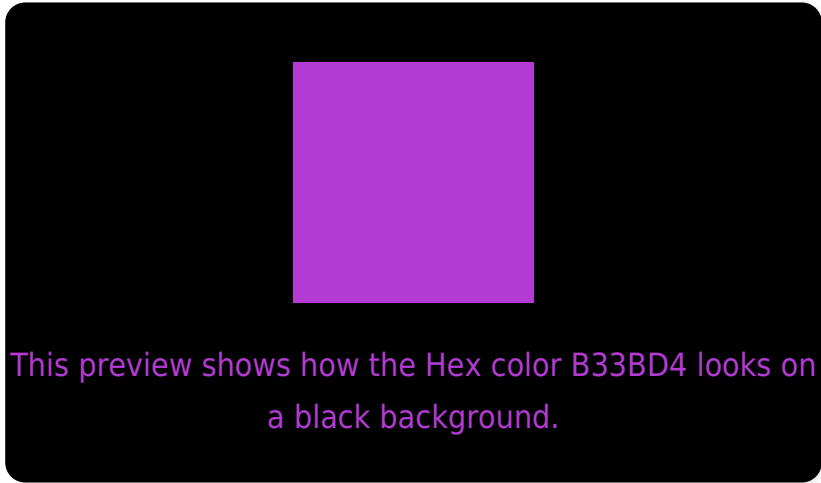
Large Text (above 18pt) WCAG AA ✓ Pass

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

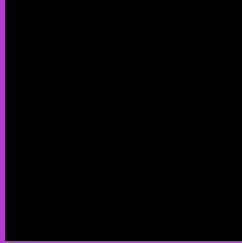
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B33BD4 Background



This preview shows how black text looks on a background with the Hex color B33BD4.

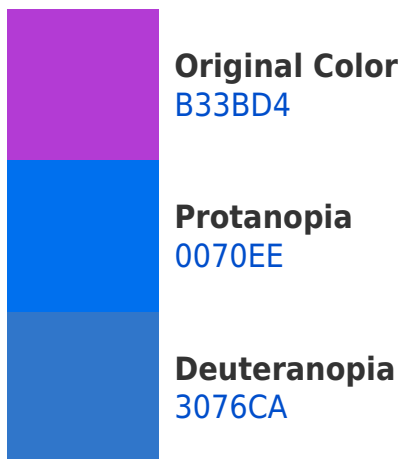



This preview shows how white text looks on a background with the Hex color B33BD4.

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](#).

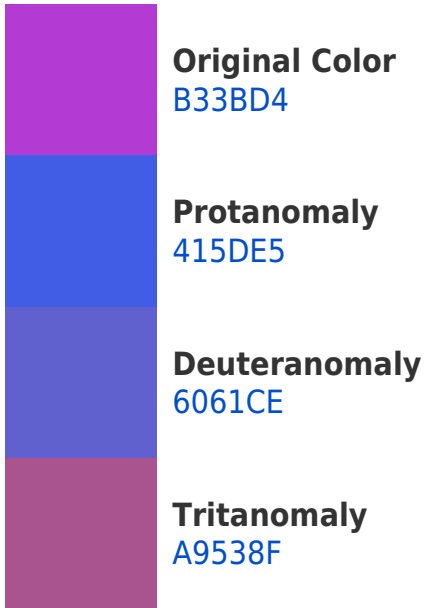
Dichromacy



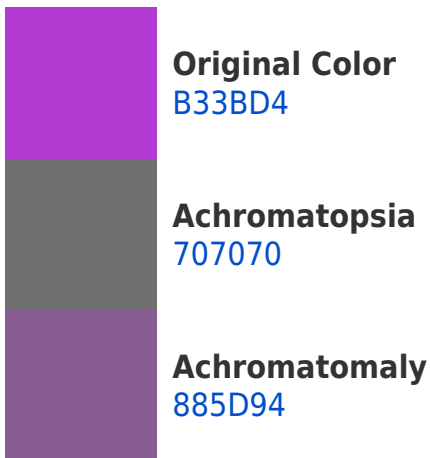


Tritanopia
A46168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33BD4 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 #B33BD4 looks like.

```
.text, #text, p{  
  color:#B33BD4  
}
```

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 #B33BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33BD4
}
```

Border

The CSS property to change the border of an element to Hex B33BD4 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
#B33BD4 }
```

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

```
.border{ border-color:#B33BD4 }
```

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

Here you see how a box with a 4 pixel #B33BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33BD4; -webkit-box-shadow:4px 4px  
4px 4px #B33BD4; box-shadow:4px 4px 4px  
4px #B33BD4 }
```

Background

The CSS property to change the background color of an element to Hex B33BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33BD4 }
```

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

```
.background{ background-color:#B33BD4 }
```

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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