

# Converting Colors

Hex(B65DF4)

Have a look what the booklet for  
Hex(B65DF4) contains.

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**Color**

**Hex(B65DF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B65DF4
RGB	182, 93, 244
RGB Percent	71%, 36%, 96%
CMY	0.2863, 0.6353, 0.0431
CMYK	0.25, 0.62, 0.00, 0.04
HSL	275°, 87%, 66%
HSV	275°, 62%, 96%
XYZ	39.5349, 24.3054, 88.1957
YIQ	136.8250, 4.5730, 65.8290

# Conversions

## Conversions Part 2

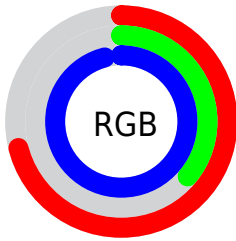
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 93, 244
Decimal	11951604
CIE <sub>Lab</sub>	56.39, 61.20, -61.62
CIE <sub>LCh</sub>	56, 86.848, 314.804
Yxy	24.3054, 0.2600, 0.1599
Android (android.graphics.Color)	4290141684 (0xFFB65DF4)
YUV	136.8250, 52.8373, 39.6185
Hunter-Lab	49.3005, 56.8660, -71.5558

# Details

The Hex color **B65DF4** 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 **9BF45D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F194FF**, and **7C25BB** is the 20% darker color. If you saturate the color by 10%, you get **AC45F4**, and if you desaturate by 10%, it is **C075F4**.

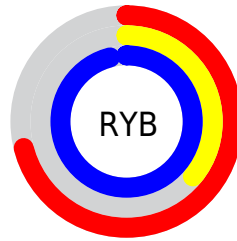
# Distribution



Red (71%)

Green (36%)

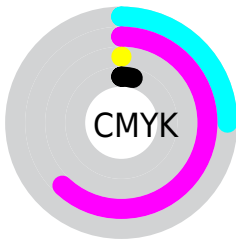
Blue (96%)



Red (71%)

Yellow (36%)

Blue (96%)

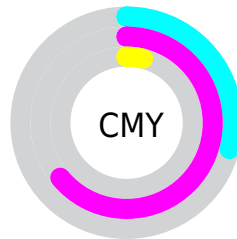


Cyan (25%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (64%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B65DF4 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 B65DF4 by changing the saturation by 10% instead.



 B65DF4

 B65DF4

FFFFFF

 9942D7

 F194FF

 7C25BB

 FFAFFF

 60009F

 FFCCFF

 430084

 FFE9FF

 24006A

 000051

 000339

 000223

 000009

 B65DF4

 B65DF4

 AC45F4

 C075F4

 A22CF4

 CA8EF4

 9814F4

 D4A6F4

 9000F4

 DEBFF4

 E8D7F4

 F2EFF4

 FCFFF4

 FFFFF4

# Harmonies

## Analogous

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



0084FF



B65DF4



F823B1

# Triad

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



B65DF4



C37600



00A7AC

# Complementary

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



B65DF4



9BF45D

# 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.



00A55D



B65DF4



829000

# Square

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



B65DF4



F34C19



009E00



00A5F1

# Rectangle

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



B65DF4



FF007F



009E00



00A792



# Sweetspot

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



B65DF4



EBCFFF



5D9CF4



736280



000000



808080



# Same Dimension

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



B65DF4



B242FF



F45DE7



756E7A



6E00BA



23003B



# Inverse Universe

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



F45D9B



FF4290



5DF46A



7A6E73



BA004C

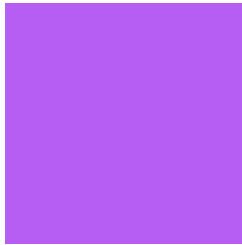


3B0018



# Previews

## White Background



This preview shows how the Hex color B65DF4 looks on a white background.

## Color Contrast Check

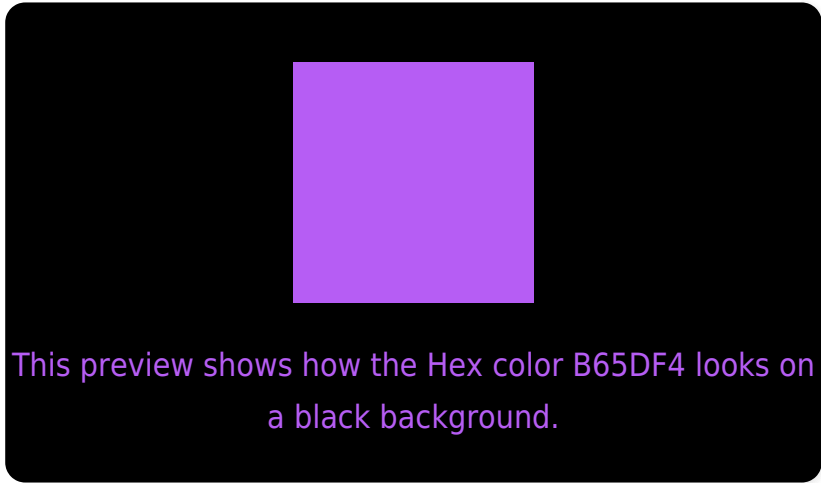
Large Text (above 18pt) WCAG AA ✓ Pass

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

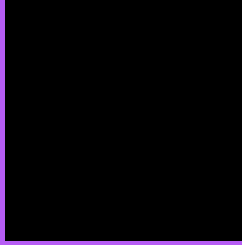
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B65DF4 Background



This preview shows how black text looks on a background with the Hex color B65DF4.

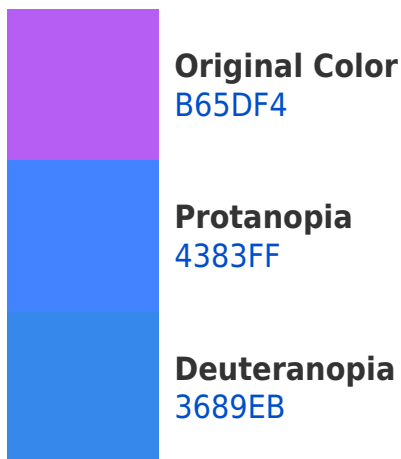



This preview shows how white text looks on a background with the Hex color B65DF4.

# 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](#).

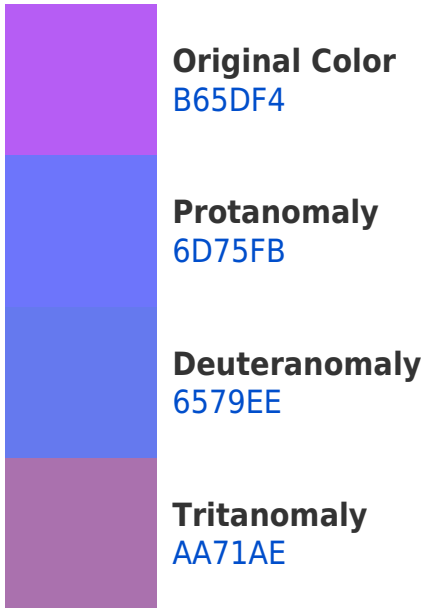
## Dichromacy



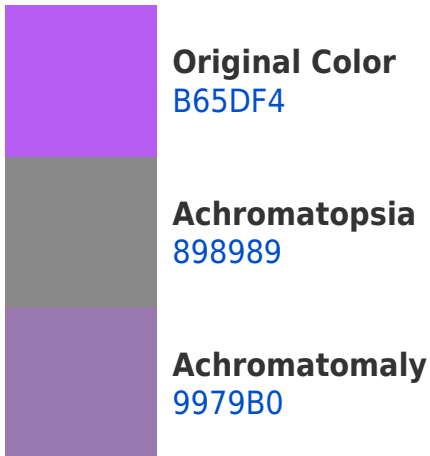


**Tritanopia**  
A37D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B65DF4 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 #B65DF4 looks like.

```
.text, #text, p{  
    color:#B65DF4  
}
```

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 #B65DF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65DF4
}
```

## Border

The CSS property to change the border of an element to Hex B65DF4 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".

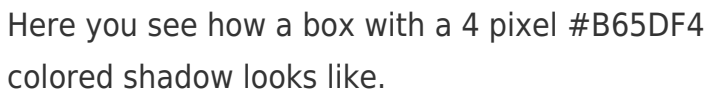
```
.border, #border, table{ border:4px solid
#B65DF4 }
```

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

```
.border{ border-color:#B65DF4 }
```

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

Here you see how a box with a 4 pixel #B65DF4 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65DF4; -webkit-box-shadow:4px 4px  
4px 4px #B65DF4; box-shadow:4px 4px 4px  
4px #B65DF4 }
```

# Background

The CSS property to change the background color of an element to Hex B65DF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65DF4 }
```

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

```
.background{ background-color:#B65DF4 }
```

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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