

Converting Colors

Hex(BD75E4)

Have a look what the booklet for
Hex(BD75E4) contains.

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Color

Hex(**BD75E4**)

Conversions

Conversions Part 1

Format	Color
Hex	BD75E4
RGB	189, 117, 228
RGB Percent	74%, 46%, 89%
CMY	0.2588, 0.5412, 0.1059
CMYK	0.17, 0.49, 0.00, 0.11
HSL	279°, 67%, 68%
HSV	279°, 49%, 89%
XYZ	41.3511, 29.1428, 76.8445
YIQ	151.1820, 7.2810, 49.7850

Conversions

Conversions Part 2

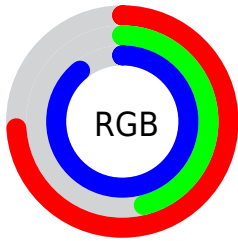
Format	Color
RYB	189, 117, 228
Decimal	12416484
CIELab	60.91, 47.37, -45.47
CIELCh	61, 65.659, 316.174
Yxy	29.1428, 0.2807, 0.1978
Android (android.graphics.Color)	4290606564 (0xFFBD75E4)
YUV	151.1820, 37.8713, 33.1664
Hunter-Lab	53.9841, 42.2566, -46.6084

Details

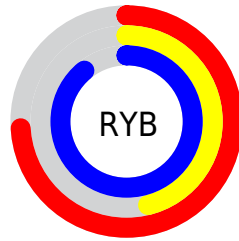
The Hex color **BD75E4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9CE475**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F7ABFF**, and **8541AC** is the 20% darker color. If you saturate the color by 10%, you get **B55EE4**, and if you desaturate by 10%, it is **C58CE4**.

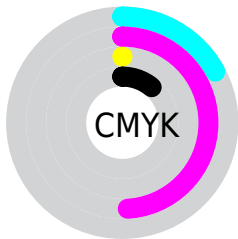
Distribution



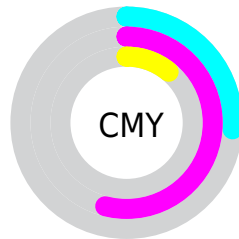
- Red (74%)
- Green (46%)
- Blue (89%)



- Red (74%)
- Yellow (46%)
- Blue (89%)



- Cyan (17%)
- Magenta (49%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (54%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD75E4 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 BD75E4 by changing the saturation by 10% instead.

 BD75E4

 BD75E4

FFFFFF

 A15BC8

 F7ABFF

 8541AC

 FFC7FF

 6A2891

 FFE3FF

 4F0A77

 35005E

 1E0045

 00002E

 000118

 000000

 BD75E4

 BD75E4

 B55EE4

 C58CE4

 AD47E4

 CDA3E4

 A531E4

 D5B9E4

 9D1AE4

 DDD0E4

 9503E4

 E5E7E4

 9400E4

 EDFEE4

 F5FFE4

 FDFFE4

 FFFFE4

Harmonies

Analogous

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



588FFF



BD75E4



EE5DB0

Triad

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



BD75E4



C58610



00AEB2

Complementary

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



BD75E4



9CE475

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.



00AC75



BD75E4



929A06

Square

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



BD75E4



EB6E41



4CA63C



00ABE6

Rectangle

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



BD75E4



FA5889



4CA63C



00AE9E

Sweetspot

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



BD75E4



F2D9FF



759EE4



776980



000000



808080

Same Dimension

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



BD75E4



CB6BFF



E475D5



6F6773



7400B3



210033

Inverse Universe

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



E4759C



FF6B9F



75E484



73676B



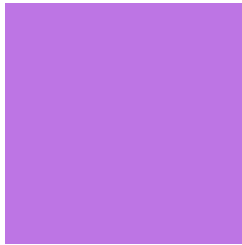
B3003F



330012

Previews

White Background



This preview shows how the Hex color BD75E4 looks on a white background.

Color Contrast Check

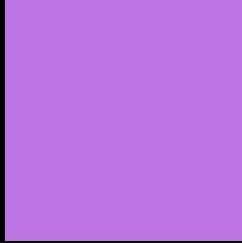
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color BD75E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

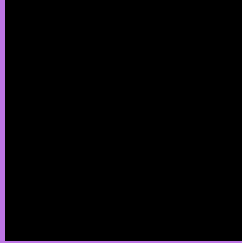
Any Text WCAG AA ✓ Pass

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 BD75E4 Background



This preview shows how black text looks on a background with the Hex color BD75E4.

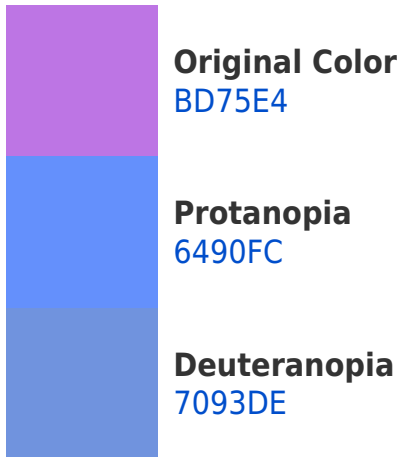


This preview shows how white text looks on a background with the Hex color BD75E4.

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](#).

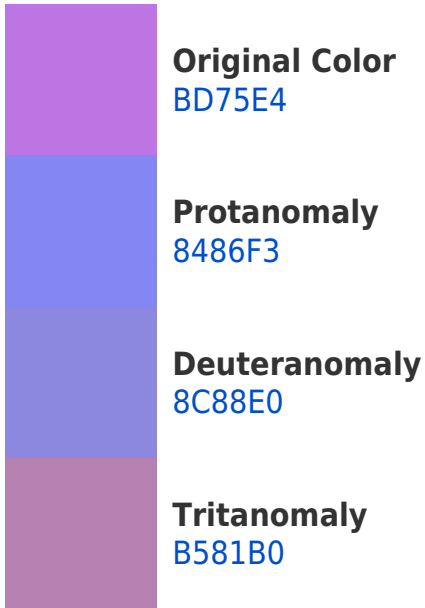
Dichromacy



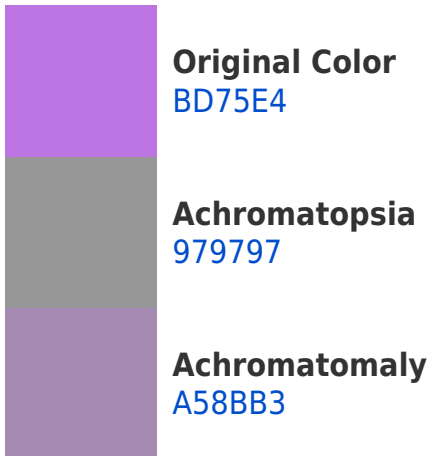


Tritanopia
B08893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD75E4 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 #BD75E4 looks like.

```
.text, #text, p{  
    color:#BD75E4  
}
```

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 #BD75E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD75E4
}
```

Border

The CSS property to change the border of an element to Hex BD75E4 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
#BD75E4 }
```

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

```
.border{ border-color:#BD75E4 }
```

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

Here you see how a box with a 4 pixel #BD75E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD75E4; -webkit-box-shadow:4px 4px  
4px 4px #BD75E4; box-shadow:4px 4px 4px  
4px #BD75E4 }
```

Background

The CSS property to change the background color of an element to Hex BD75E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD75E4 }
```

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

```
.background{ background-color:#BD75E4 }
```

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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