

Converting Colors

Hex(B16FA4)

Have a look what the booklet for
Hex(B16FA4) contains.

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Color

Hex(B16FA4)

Conversions

Conversions Part 1

Format	Color
Hex	B16FA4
RGB	177, 111, 164
RGB Percent	69%, 44%, 64%
CMY	0.3059, 0.5647, 0.3569
CMYK	0.00, 0.37, 0.07, 0.31
HSL	312°, 30%, 56%
HSV	312°, 37%, 69%
XYZ	30.5167, 23.3963, 38.0295
YIQ	136.7760, 22.3230, 30.4750

Conversions

Conversions Part 2

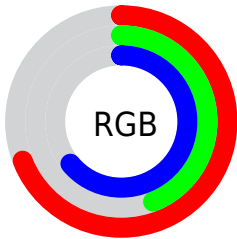
Format	Color
RYB	177, 111, 164
Decimal	11628452
CIELab	55.48, 34.28, -17.61
CIELCh	55, 38.539, 332.811
Yxy	23.3963, 0.3319, 0.2545
Android (android.graphics.Color)	4289818532 (0xFFB16FA4)
YUV	136.7760, 13.4214, 35.2764
Hunter-Lab	48.3697, 27.9696, -12.7564

Details

The Hex color **B16FA4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6FB17C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **EAA4DB**, and **7B3D70** is the 20% darker color. If you saturate the color by 10%, you get **B15DA1**, and if you desaturate by 10%, it is **B181A7**.

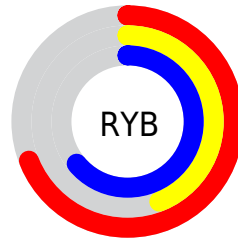
Distribution



Red (69%)

Green (44%)

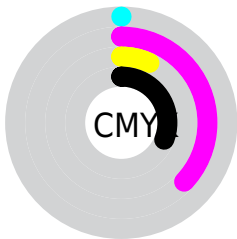
Blue (64%)



Red (69%)

Yellow (44%)

Blue (64%)

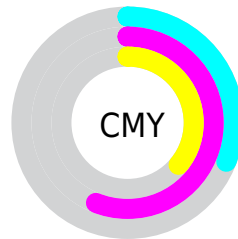


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (31%)



Cyan (31%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16FA4 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 B16FA4 by changing the saturation by 10% instead.

 B16FA4

 B16FA4

FFFFFF

 96568A

 EAA4DB

 7B3D70

 FFBBF8

 612558

 FFDBFF

 480B40

 FFF8FF

 30002A

 160015

 000000

 B16FA4

 B16FA4

 B15DA1

 B181A7

 B14C9D

 B192AB

 B13A9A

 B1A4AE

 B12896

 B1B6B2

 B11793

 B1C8B5

 B1058F

 B1D9B9

 B1008E

 B1EBBC

 B1FDC0

 B1FFC3

Harmonies

Analogous

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



8C7BBD



B16FA4



C36983

Triad

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



B16FA4



968440



0095A8

Complementary

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



B16FA4



6FB17C

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.



009687



B16FA4



748E4B

Square

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



B16FA4



B2784A



499465



0090C0

Rectangle

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



B16FA4



C46B6D



499465



00969E

Sweetspot

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



B16FA4



E6CCE1



7B6FB1



736470



F2F2F2



737373

Same Dimension

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



B16FA4



E67ED1



B16F84



595057



99007B



1A0014

Inverse Universe

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



B16FA4



E67ED1



6FB19C



595057



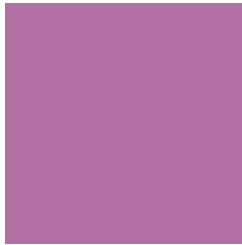
99007B



1A0014

Previews

White Background



This preview shows how the Hex color B16FA4 looks on a white background.

Color Contrast Check

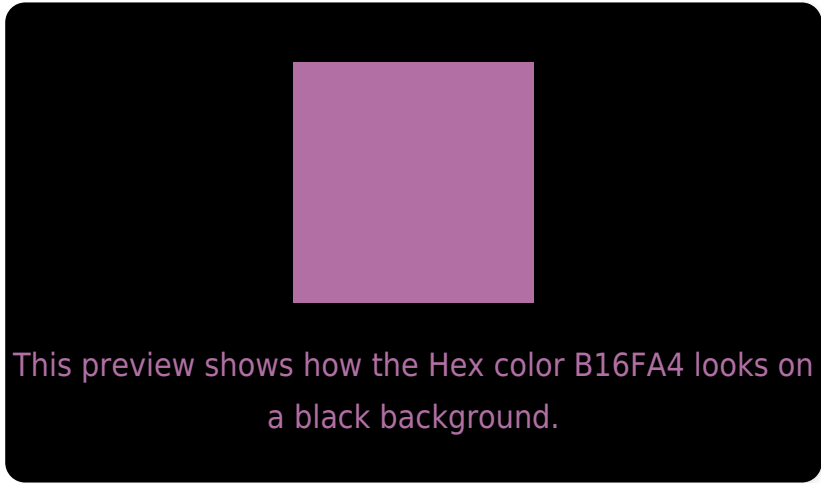
Large Text (above 18pt) WCAG AA ✓ Pass

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

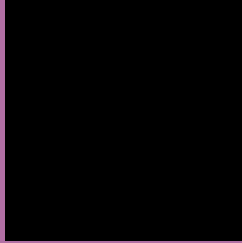
Any Text WCAG AA ✓ Pass

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 B16FA4 Background



This preview shows how black text looks on a background with the Hex color B16FA4.

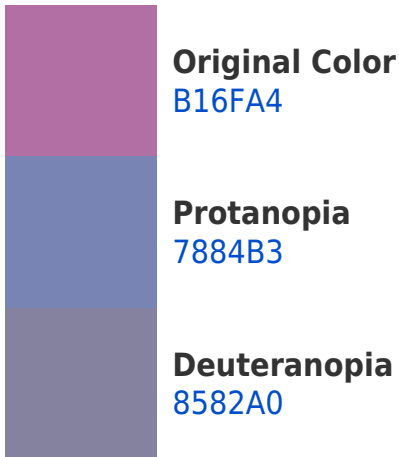


This preview shows how white text looks on a background with the Hex color B16FA4.

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](#).

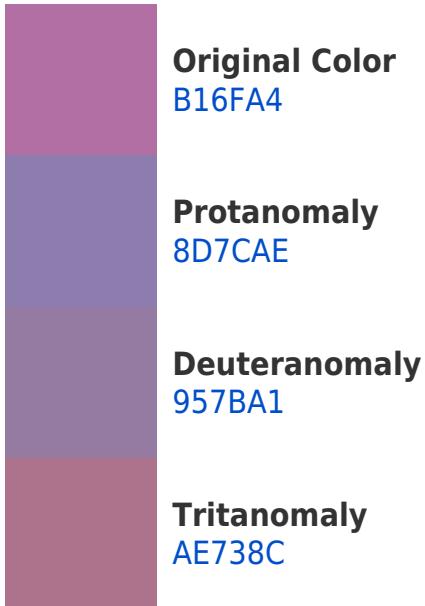
Dichromacy



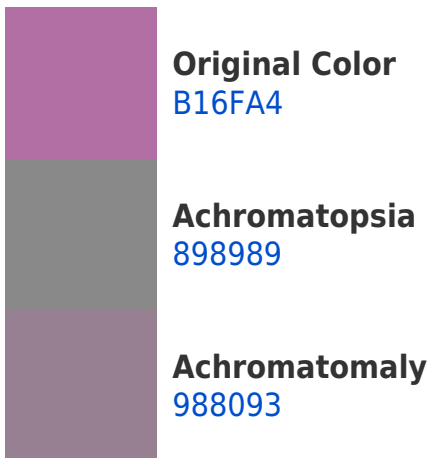


Tritanopia
AD767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B16FA4 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 #B16FA4 looks like.

```
.text, #text, p{  
    color:#B16FA4  
}
```

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 #B16FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16FA4
}
```

Border

The CSS property to change the border of an element to Hex B16FA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

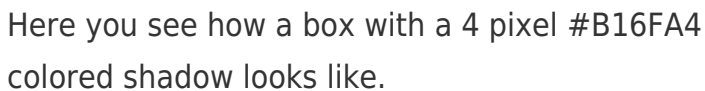
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B16FA4 }
```

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

```
.border{ border-color:#B16FA4 }
```

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



Here you see how a box with a 4 pixel #B16FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16FA4; -webkit-box-shadow:4px 4px  
4px 4px #B16FA4; box-shadow:4px 4px 4px  
4px #B16FA4 }
```

Background

The CSS property to change the background color of an element to Hex B16FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16FA4 }
```

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

```
.background{ background-color:#B16FA4 }
```

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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