

# Converting Colors

Hex(4916B6)

Have a look what the booklet for  
Hex(4916B6) contains.

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**Color**

**Hex(4916B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4916B6
RGB	73, 22, 182
RGB Percent	29%, 9%, 71%
CMY	0.7137, 0.9137, 0.2863
CMYK	0.60, 0.88, 0.00, 0.29
HSL	259°, 78%, 40%
HSV	259°, 88%, 71%
XYZ	11.4781, 5.3677, 44.6871
YIQ	55.4890, -20.9640, 60.5720

# Conversions

## Conversions Part 2

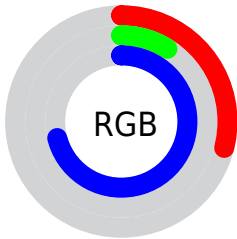
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 22, 182
Decimal	4789942
CIE Lab	27.76, 58.53, -73.18
CIE LCh	28, 93.712, 308.652
Yxy	5.3677, 0.1865, 0.0872
Android (android.graphics.Color)	4282980022 (0xFF4916B6)
YUV	55.4890, 62.3699, 15.3571
Hunter-Lab	23.1683, 47.8883, -98.1411

# Details

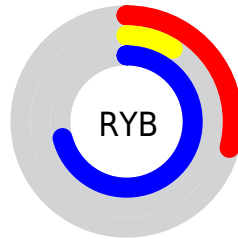
The Hex color **4916B6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **83B616**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **874DEF**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **3D04B6**, and if you desaturate by 10%, it is **5528B6**.

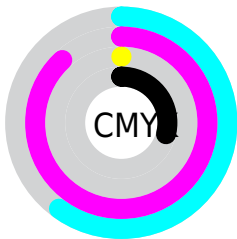
# Distribution



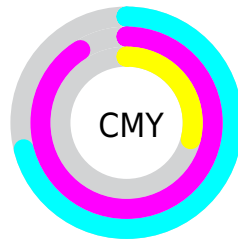
- Red (29%)
- Green (9%)
- Blue (71%)



- Red (29%)
- Yellow (9%)
- Blue (71%)



- Cyan (60%)
- Magenta (88%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (91%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4916B6 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 4916B6 by changing the saturation by 10% instead.




 4916B6

 4916B6


FFFFFF

 24009A

 874DEF

 00007F

 A467FF

 000066

 C281FF

 00054C

 E19CFF

 000535

 FFB8FF

 00021E

 FFD4FF

 000001

 FFF1FF

 000000

 4916B6

 4916B6

■ 3D04B6

■ 5528B6

■ 3A00B6

■ 623AB6

■ 6E4DB6

■ 7B5FB6

■ 8771B6

■ 9383B6

■ A095B6

■ ACA8B6

■ B9BAB6

# Harmonies

## Analogous

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



0049D6



4916B6



9F0078

# Triad

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



4916B6



792600



005856

# Complementary

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



4916B6



83B616

# 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.



005600



4916B6



3E4600

# Square

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



4916B6



A20000



005200



005A9D

# Rectangle

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



4916B6



B10049



005200



00583C



# Sweetspot

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



4916B6



C3AFED



1683B6



5F5378



F7F7F7



787878



# Same Dimension

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



4916B6



4C00ED



9916B6



56535C



32009C



09001C



# Inverse Universe

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



B61683



ED00A2



33B616



5C5359



9C006A

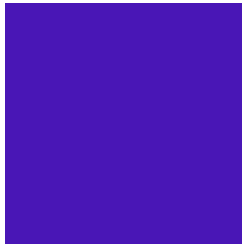


1C0013



# Previews

## White Background



This preview shows how the Hex color 4916B6 looks on a white background.

## Color Contrast Check

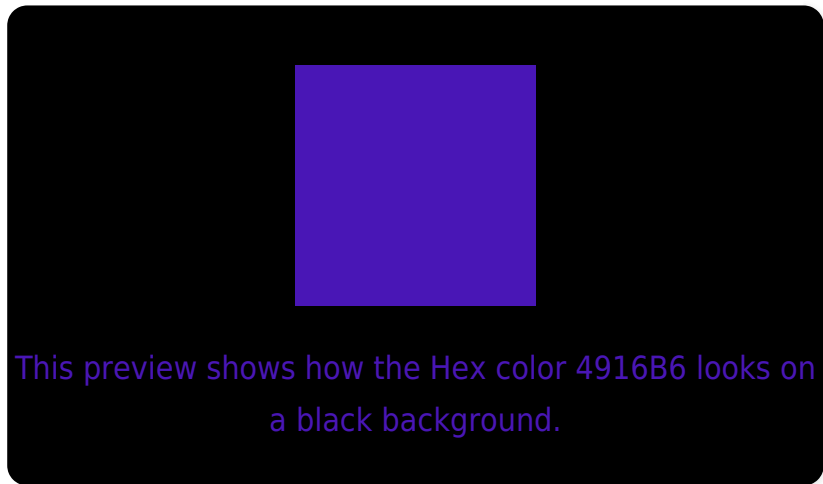
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

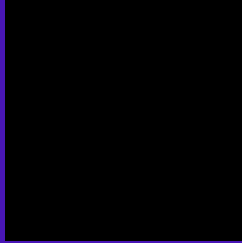
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4916B6 Background



This preview shows how black text looks on a background with the Hex color 4916B6.

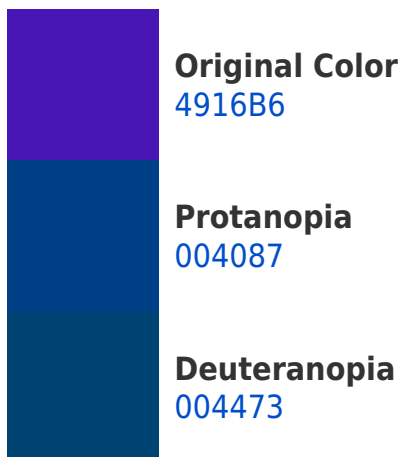


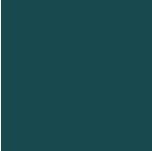
This preview shows how white text looks on a background with the Hex color 4916B6.

# 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**  
17494F

# Trichromacy



**Original Color**  
4916B6

**Protanomaly**  
1B3198

**Deuteranomaly**  
1B338B

**Tritanomaly**  
293674

# Monochromacy



**Original Color**  
4916B6

**Achromatopsia**  
373737

**Achromatomaly**  
3E2B65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4916B6 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 #4916B6 looks like.

```
.text, #text, p{  
    color:#4916B6  
}
```

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 #4916B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4916B6
}
```

## Border

The CSS property to change the border of an element to Hex 4916B6 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".

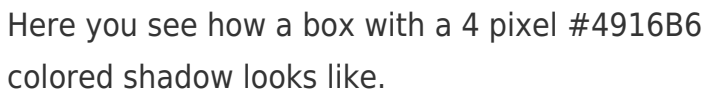
```
.border, #border, table{ border:4px solid
#4916B6 }
```

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

```
.border{ border-color:#4916B6 }
```

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

Here you see how a box with a 4 pixel #4916B6 colored shadow looks like.

A rectangular box with a thick 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 #4916B6; -webkit-box-shadow:4px 4px  
4px 4px #4916B6; box-shadow:4px 4px 4px  
4px #4916B6 }
```

# Background

The CSS property to change the background color of an element to Hex 4916B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4916B6 }
```

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

```
.background{ background-color:#4916B6 }
```

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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