

# Converting Colors

Hex(6916A9)

Have a look what the booklet for  
Hex(6916A9) contains.

<b>Hex(6916A9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6916A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6916A9
RGB	105, 22, 169
RGB Percent	41%, 9%, 66%
CMY	0.5882, 0.9137, 0.3373
CMYK	0.38, 0.87, 0.00, 0.34
HSL	274°, 77%, 37%
HSV	274°, 87%, 66%
XYZ	13.2740, 6.4416, 38.0799
YIQ	63.5750, 2.2810, 63.3130

# Conversions

## Conversions Part 2

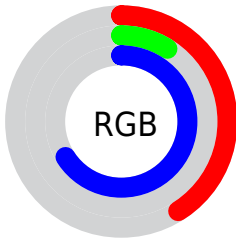
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 22, 169
Decimal	6887081
CIE <sub>Lab</sub>	30.50, 58.98, -60.74
CIE <sub>LCh</sub>	31, 84.662, 314.159
Yxy	6.4416, 0.2297, 0.1115
Android (android.graphics.Color)	4285077161 (0xFF6916A9)
YUV	63.5750, 51.9745, 36.3297
Hunter-Lab	25.3804, 48.9404, -71.1903

# Details

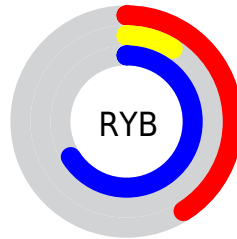
The Hex color **6916A9** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **56A916**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A250E1**, and **2F0074** is the 20% darker color. If you saturate the color by 10%, you get **6205A9**, and if you desaturate by 10%, it is **7027A9**.

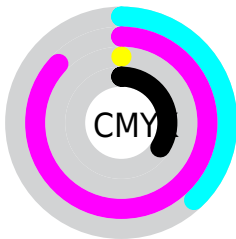
# Distribution



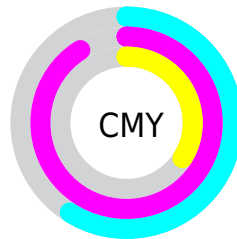
- Red (41%)
- Green (9%)
- Blue (66%)



- Red (41%)
- Yellow (9%)
- Blue (66%)



- Cyan (38%)
- Magenta (87%)
- Yellow (0%)
- Black (34%)



- Cyan (59%)
- Magenta (91%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6916A9 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 6916A9 by changing the saturation by 10% instead.



6916A9

6916A9

FFFFFF

4C008E

A250E1

2F0074

BF6BFE

10005A

DD86FF

000042

FAA1FF

00032A

FFBDFE

000115

FFDAFF

000000

FFF7FF

6916A9

6916A9

■ 6205A9

■ 7027A9

■ 5F00A9

■ 7838A9

■ 7F49A9

■ 865AA9

■ 8E6AA9

■ 957BA9

■ 9D8CA9

■ A49DA9

■ ABAEA9

# Harmonies

## Analogous

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



0048CC



6916A9



A5006E

# Triad

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



6916A9



743700



005F67

# Complementary

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



6916A9



56A916

# 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.



005D20



6916A9



3B4F00

# Square

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



6916A9



9E0000



005900



0060A5

# Rectangle

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



6916A9



B20042



005900



005E50



# Sweetspot

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



6916A9



C2A2DB



1658A9



5F4C6E



EDEDED



6E6E6E



# Same Dimension

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



6916A9



7C00DB



A916A2



504C54



540094



0C0014



# Inverse Universe

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



A91656



DB005F



16A91D



544C4F



940040

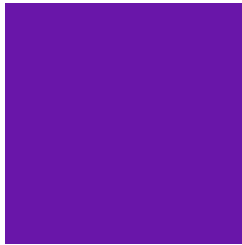


140009



# Previews

## White Background



This preview shows how the Hex color 6916A9 looks on a white background.

## Color Contrast Check

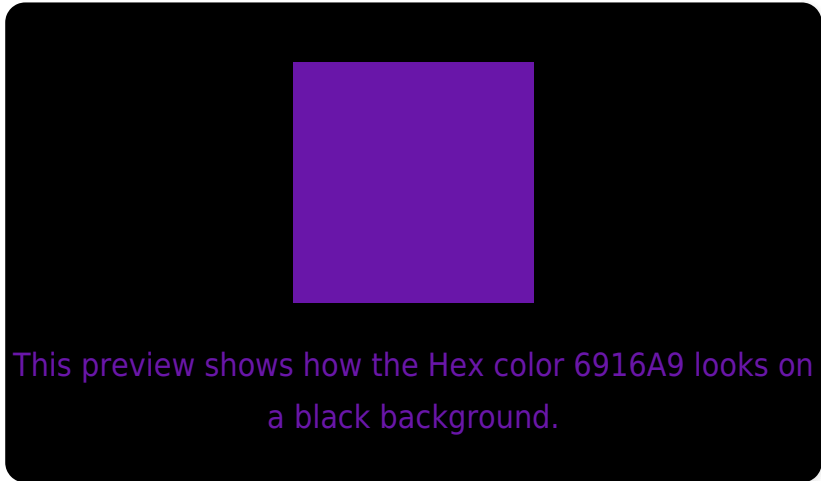
Large Text (above 18pt) WCAG AA ✓ Pass

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

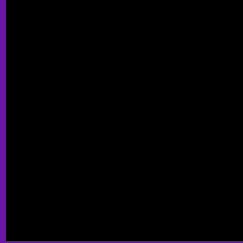
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6916A9 Background



This preview shows how black text looks on a background with the Hex color 6916A9.

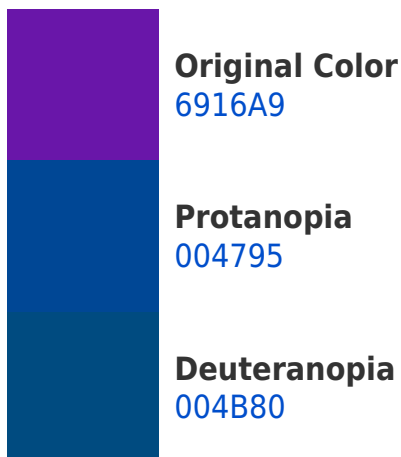


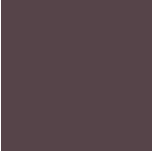
This preview shows how white text looks on a background with the Hex color 6916A9.

# 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](#).

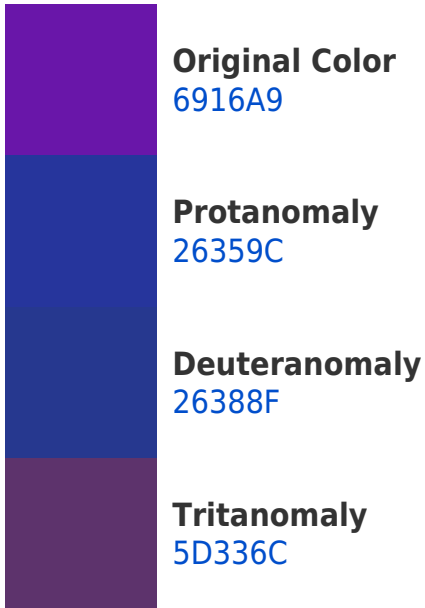
## Dichromacy



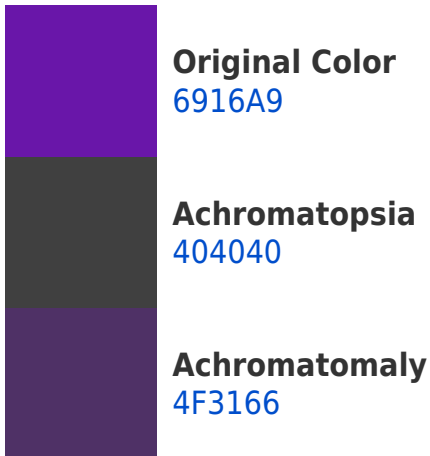


**Tritanopia**  
564449

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6916A9 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 #6916A9 looks like.

```
.text, #text, p{  
    color:#6916A9  
}
```

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 #6916A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6916A9
}
```

## Border

The CSS property to change the border of an element to Hex 6916A9 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
#6916A9 }
```

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

```
.border{ border-color:#6916A9 }
```

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

Here you see how a box with a 4 pixel #6916A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6916A9; -webkit-box-shadow:4px 4px  
4px 4px #6916A9; box-shadow:4px 4px 4px  
4px #6916A9 }
```

# Background

The CSS property to change the background color of an element to Hex 6916A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6916A9 }
```

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

```
.background{ background-color:#6916A9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor