

# Converting Colors

Hex(6947C0)

Have a look what the booklet for  
Hex(6947C0) contains.

<b>Hex(6947C0)</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(6947C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6947C0
RGB	105, 71, 192
RGB Percent	41%, 28%, 75%
CMY	0.5882, 0.7216, 0.2471
CMYK	0.45, 0.63, 0.00, 0.25
HSL	257°, 49%, 52%
HSV	257°, 63%, 75%
XYZ	17.5934, 11.3155, 51.1260
YIQ	94.9600, -18.5770, 44.8390

# Conversions

## Conversions Part 2

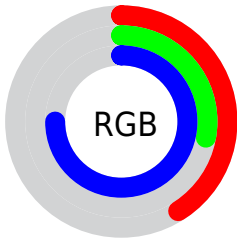
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 71, 192</a>
Decimal	<a href="#">6899648</a>
CIELab	<a href="#">40.11, 43.11, -58.71</a>
CIElCh	<a href="#">40, 72.843, 306.290</a>
Yxy	<a href="#">11.3155, 0.2198, 0.1414</a>
Android (android.graphics.Color)	<a href="#">4285089728 (0xFF6947C0)</a>
YUV	<a href="#">94.9600, 47.8407, 8.8051</a>
Hunter-Lab	<a href="#">33.6385, 34.4903, -66.5658</a>

# Details

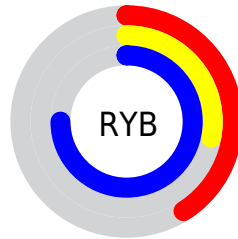
The Hex color **6947C0** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **9EC047**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A279F9**, and **2E1789** is the 20% darker color. If you saturate the color by 10%, you get **5B34C0**, and if you desaturate by 10%, it is **775AC0**.

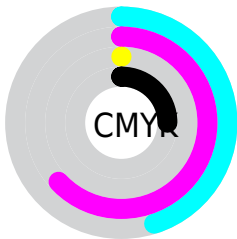
# Distribution



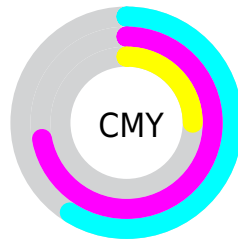
- Red (41%)
- Green (28%)
- Blue (75%)



- Red (41%)
- Yellow (28%)
- Blue (75%)



- Cyan (45%)
- Magenta (63%)
- Yellow (0%)
- Black (25%)



- Cyan (59%)
- Magenta (72%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6947C0 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 6947C0 by changing the saturation by 10% instead.



6947C0

6947C0

FFFFFF

4C2FA4

A279F9

2E1789

BF93FF

00006F

DCAEFF

000056

FACAFF

00063E

FFE7FF

000327

000110

000000

6947C0

6947C0

■ 5B34C0

■ 775AC0

■ 4D21C0

■ 856DC0

■ 400DC0

■ 9281C0

■ 3600C0

■ A094C0

■ AEA7C0

■ BCBAC0

■ CACDC0

■ D7E1C0

■ E5F4C0

# Harmonies

## Analogous

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



0063D7



6947C0



AC1490

# Triad

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



6947C0



994800



00776A

# Complementary

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



6947C0



9EC047

# 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.



00742A



6947C0



696000

# Square

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



6947C0



B91E1A



226E00



0076A4

# Rectangle

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



6947C0



BF0069



226E00



007655



# Sweetspot

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



6947C0



D8CAFA



47A0C0



68607D



FCFCFC



7D7D7D



# Same Dimension

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



6947C0



713CFA



A447C0



5A5761



2D00A1



090021



# Inverse Universe

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



C0479E



FA3CC5



63C047



61575E



A10074

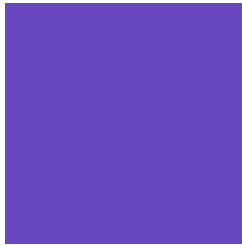


210018



# Previews

## White Background



This preview shows how the Hex color 6947C0 looks on a white background.

## Color Contrast Check

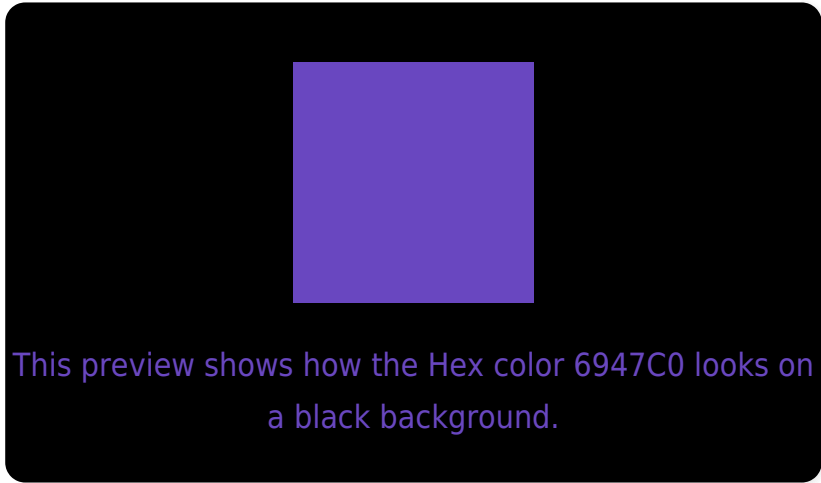
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

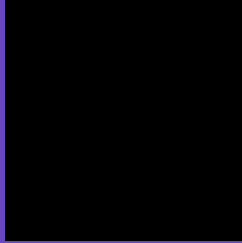
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6947C0 Background



This preview shows how black text looks on a background with the Hex color 6947C0.

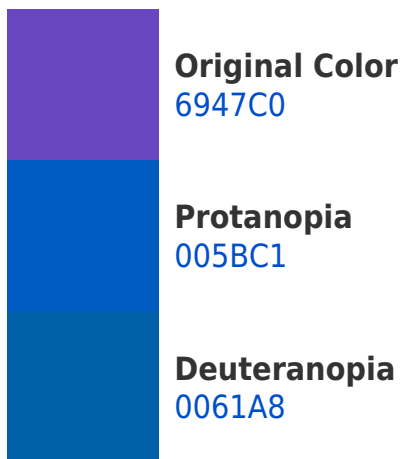


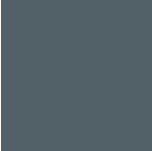
This preview shows how white text looks on a background with the Hex color 6947C0.

# 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](#).

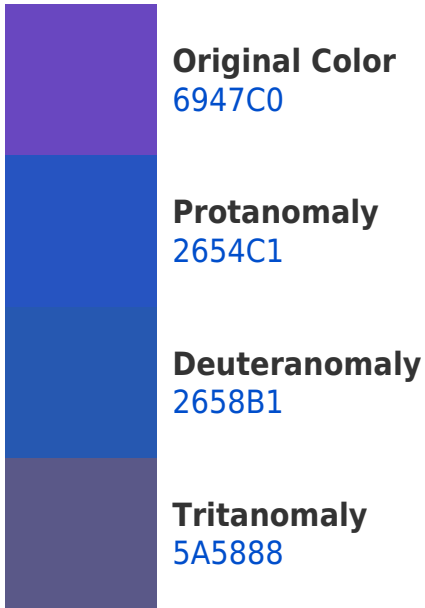
## Dichromacy





**Tritanopia**  
526168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6947C0 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 #6947C0 looks like.

```
.text, #text, p{  
    color:#6947C0  
}
```

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 #6947C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6947C0
}
```

## Border

The CSS property to change the border of an element to Hex 6947C0 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
#6947C0 }
```

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

```
.border{ border-color:#6947C0 }
```

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

Here you see how a box with a 4 pixel #6947C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6947C0; -webkit-box-shadow:4px 4px  
4px 4px #6947C0; box-shadow:4px 4px 4px  
4px #6947C0 }
```

# Background

The CSS property to change the background color of an element to Hex 6947C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6947C0 }
```

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

```
.background{ background-color:#6947C0 }
```

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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