

# Converting Colors

Hex(76529E)

Have a look what the booklet for  
Hex(76529E) contains.

<b>Hex(76529E)</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(76529E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76529E
RGB	118, 82, 158
RGB Percent	46%, 32%, 62%
CMY	0.5373, 0.6784, 0.3804
CMYK	0.25, 0.48, 0.00, 0.38
HSL	268°, 32%, 47%
HSV	268°, 48%, 62%
XYZ	16.6601, 12.3548, 33.8544
YIQ	101.4280, -2.9400, 31.2680

# Conversions

## Conversions Part 2

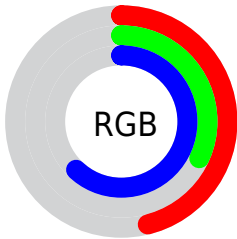
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 82, 158
Decimal	7754398
CIE <sub>Lab</sub>	41.77, 30.79, -35.88
CIE <sub>LCh</sub>	42, 47.284, 310.637
Yxy	12.3548, 0.2650, 0.1965
Android (android.graphics.Color)	4285944478 (0xFF76529E)
YUV	101.4280, 27.8900, 14.5336
Hunter-Lab	35.1493, 23.0940, -32.5011

# Details

The Hex color **76529E** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7A9E52**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AC84D5**, and **43236A** is the 20% darker color. If you saturate the color by 10%, you get **6E429E**, and if you desaturate by 10%, it is **7E629E**.

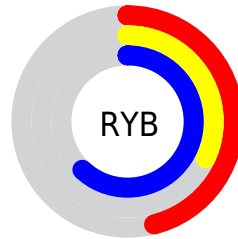
# Distribution



Red (46%)

Green (32%)

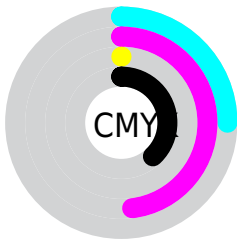
Blue (62%)



Red (46%)

Yellow (32%)

Blue (62%)

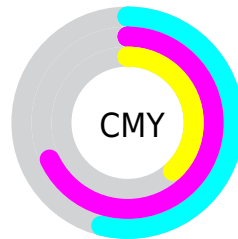


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (68%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76529E 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 76529E by changing the saturation by 10% instead.



 76529E

 76529E

FFFFFF

 5C3A84

 AC84D5

 43236A

 C89FF2

 2A0D51

 E4BAFF

 15003A

 FFD6FF

 000224

 FFF2FF

 00000B

 000000

 76529E

 76529E

 6E429E

 7E629E

65329E

87729E

5D239E

8F819E

55139E

97919E

4C039E

A0A19E

4B009E

A8B19E

B0C19E

B9D09E

C1E09E

# Harmonies

## Analogous

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



2762AF



76529E



9B427D

# Triad

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



76529E



8A5713



007570

# Complementary

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



76529E



7A9E52

# 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.



007347



76529E



696507

# Square

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



76529E



A14732



3E6E23



007394

# Rectangle

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



76529E



A73C63



3E6E23



007562



# Sweetspot

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



76529E



BFB2CF



527B9E



5F5769



E8E8E8



696969



# Same Dimension

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



76529E



8F57CF



9B529E



4B474F



44008F



07000F



# Inverse Universe

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



9E527A



CF5796



559E52



4F474B



8F004B

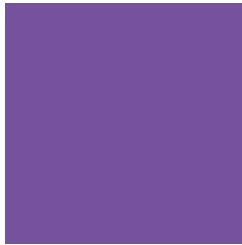


0F0008



# Previews

## White Background



This preview shows how the Hex color 76529E looks on a white background.

## Color Contrast Check

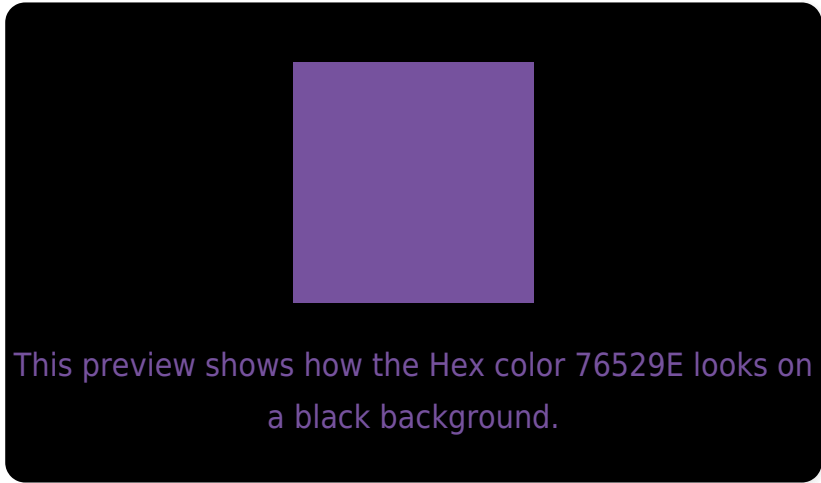
Large Text (above 18pt) WCAG AA ✓ Pass

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

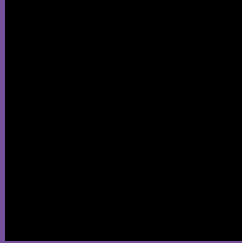
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76529E Background



This preview shows how black text looks on a background with the Hex color 76529E.

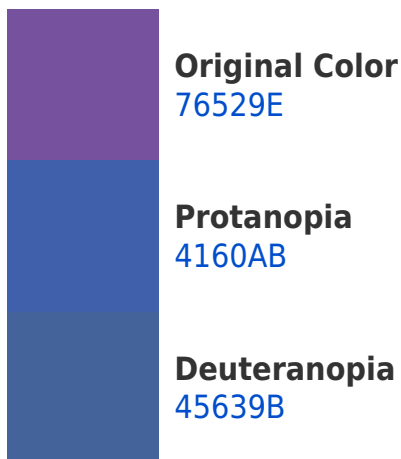


This preview shows how white text looks on a background with the Hex color 76529E.

# 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](#).

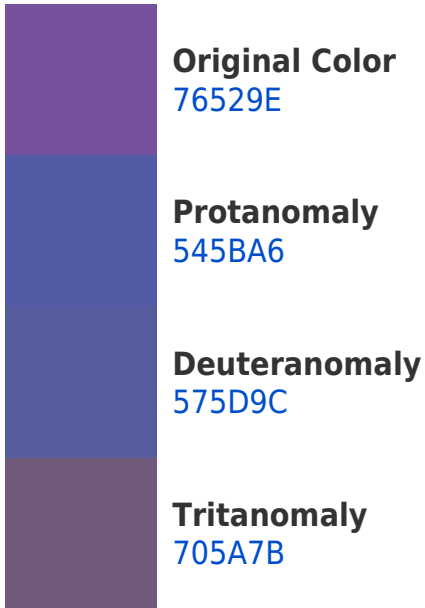
## Dichromacy



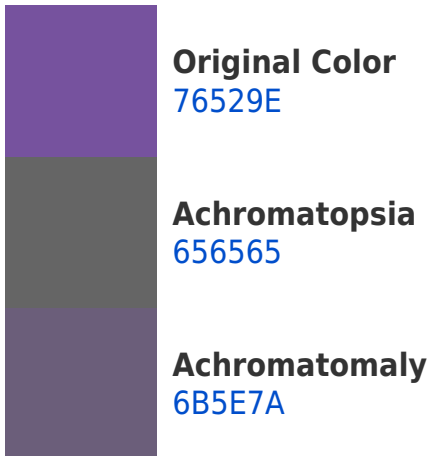


**Tritanopia**  
6C5F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76529E 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 #76529E looks like.

```
.text, #text, p{  
    color:#76529E  
}
```

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 #76529E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76529E
}
```

## Border

The CSS property to change the border of an element to Hex 76529E is called "border". The border property can be set on classes, ids or directly on the HTML element.

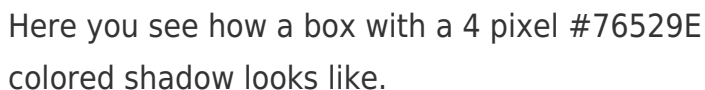
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76529E }
```

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

```
.border{ border-color:#76529E }
```

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



Here you see how a box with a 4 pixel #76529E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76529E; -webkit-box-shadow:4px 4px  
4px 4px #76529E; box-shadow:4px 4px 4px  
4px #76529E }
```

# Background

The CSS property to change the background color of an element to Hex 76529E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76529E }
```

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

```
.background{ background-color:#76529E }
```

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