

# Converting Colors

Hex(66529A)

Have a look what the booklet for  
Hex(66529A) contains.

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# Color

**Hex(66529A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66529A
RGB	102, 82, 154
RGB Percent	40%, 32%, 60%
CMY	0.6000, 0.6784, 0.3961
CMYK	0.34, 0.47, 0.00, 0.40
HSL	257°, 31%, 46%
HSV	257°, 47%, 60%
XYZ	14.3295, 11.1925, 31.9770
YIQ	96.1880, -11.1920, 26.6320

# Conversions

## Conversions Part 2

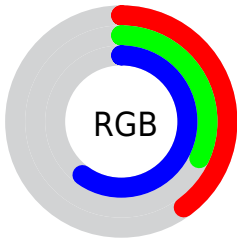
Format	Color
<a href="#">RYB</a>	102, 82, 154
Decimal	6705818
CIELab	39.90, 25.15, -36.56
CIElCh	40, 44.374, 304.532
Yxy	11.1925, 0.2492, 0.1947
Android (android.graphics.Color)	4284895898 (0xFF66529A)
YUV	96.1880, 28.5013, 5.0971
Hunter-Lab	33.4551, 17.9087, -33.2518

# Details

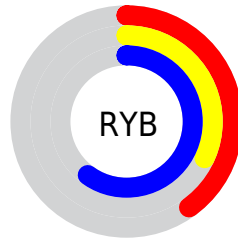
The Hex color **66529A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **869A52**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9B84D1**, and **332566** is the 20% darker color. If you saturate the color by 10%, you get **5B439A**, and if you desaturate by 10%, it is **71619A**.

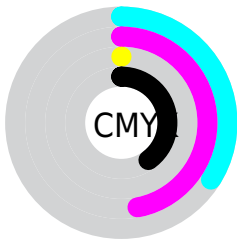
# Distribution



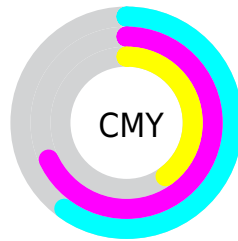
- Red (40%)
- Green (32%)
- Blue (60%)



- Red (40%)
- Yellow (32%)
- Blue (60%)



- Cyan (34%)
- Magenta (47%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (68%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66529A 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 66529A by changing the saturation by 10% instead.



■ 66529A

■ 66529A

FFFFFF

■ 4C3B80

■ 9B84D1

■ 332566

■ B79EED

■ 19104E

■ D3B9FF

■ 060037

■ F0D5FF

■ 000220

■ FFF1FF

■ 000005

■ 000000

■ 66529A

■ 66529A

■ 5B439A

■ 71619A

50339A

7C719A

45249A

87809A

3A149A

92909A

2E059A

9E9F9A

2B009A

A9AE9A

B4BE9A

BFCD9A

CADD9A

# Harmonies

## Analogous

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



0060A6



66529A



8E427E

# Triad

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



66529A



89511A



006F63

# Complementary

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



66529A



869A52

# 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.



006D3D



66529A



6B5E0B

# Square

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



66529A



9B4237



46681D



006E86

# Rectangle

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



66529A



9B3C66



46681D



006F56



# Sweetspot

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



66529A



B5ADC9



52879A



595566



E6E6E6



666666



# Same Dimension

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



66529A



7859C9



89529A



47454D



27008C



04000D



# Inverse Universe

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



9A5286



C959AA



639A52



4D454A



8C0065



0D0009



# Previews

## White Background



This preview shows how the Hex color 66529A 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

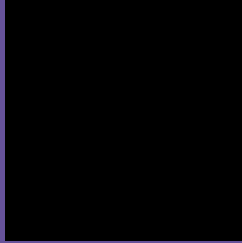
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66529A Background



This preview shows how black text looks on a background with the Hex color 66529A.

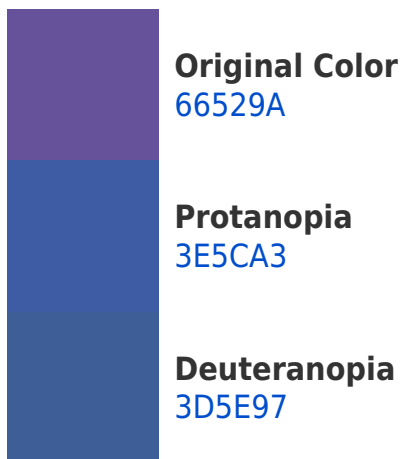



This preview shows how white text looks on a background with the Hex color 66529A.

# 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**  
5B5E66

# Trichromacy



**Original Color**  
66529A

**Protanomaly**  
4D58A0

**Deuteranomaly**  
4C5A98

**Tritanomaly**  
5F5A79

# Monochromacy



**Original Color**  
66529A

**Achromatopsia**  
606060

**Achromatomaly**  
625B75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66529A 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 #66529A looks like.

```
.text, #text, p{  
    color:#66529A  
}
```

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 #66529A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66529A
}
```

## Border

The CSS property to change the border of an element to Hex 66529A is called "border". The border property can be set on classes, ids or directly on the HTML element.

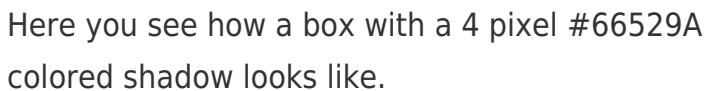
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66529A }
```

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

```
.border{ border-color:#66529A }
```

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



Here you see how a box with a 4 pixel #66529A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66529A; -webkit-box-shadow:4px 4px  
4px 4px #66529A; box-shadow:4px 4px 4px  
4px #66529A }
```

# Background

The CSS property to change the background color of an element to Hex 66529A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66529A }
```

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

```
.background{ background-color:#66529A }
```

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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