

# Converting Colors

Hex(8628A5)

Have a look what the booklet for  
Hex(8628A5) contains.

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**Color**

**Hex(8628A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8628A5
RGB	134, 40, 165
RGB Percent	53%, 16%, 65%
CMY	0.4745, 0.8431, 0.3529
CMYK	0.19, 0.76, 0.00, 0.35
HSL	285°, 61%, 40%
HSV	285°, 76%, 65%
XYZ	17.3818, 9.3025, 36.4768
YIQ	82.3560, 15.8990, 58.8030

# Conversions

## Conversions Part 2

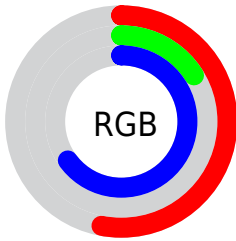
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 40, 165
Decimal	8792229
CIELab	36.56, 57.25, -48.28
CIELCh	37, 74.894, 319.858
Yxy	9.3025, 0.2752, 0.1473
Android (android.graphics.Color)	4286982309 (0xFF8628A5)
YUV	82.3560, 40.7435, 45.2918
Hunter-Lab	30.5000, 48.3513, -49.5583

# Details

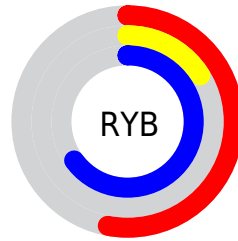
The Hex color **8628A5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **47A528**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **BF5FDD**, and **4F0070** is the 20% darker color. If you saturate the color by 10%, you get **8218A5**, and if you desaturate by 10%, it is **8A39A5**.

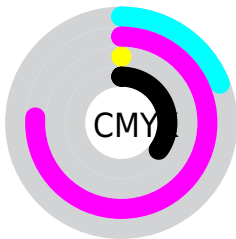
# Distribution



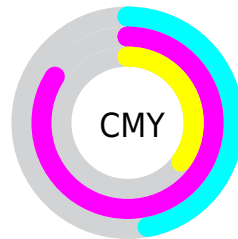
- Red (53%)
- Green (16%)
- Blue (65%)



- Red (53%)
- Yellow (16%)
- Blue (65%)



- Cyan (19%)
- Magenta (76%)
- Yellow (0%)
- Black (35%)



- Cyan (47%)
- Magenta (84%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8628A5 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 8628A5 by changing the saturation by 10% instead.



 8628A5

 8628A5

FFFFFF

 6A008A

 BF5FDD

 4F0070

 DC7AFA

 340057

 F996FF

 1B003F

 FFB2FF

 000328

 FFCEFF

 000111

 FFE8FF

 000000

 8628A5

 8628A5

 8218A5

 8A39A5

 7E07A5

 8E49A5

 7C00A5

 925AA5

 966AA5

 9A7AA5

 9F8BA5

 A39BA5

 A7ACA5

 ABBDA5

# Harmonies

## Analogous

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



0050CA



8628A5



B3006D

# Triad

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



8628A5



7B4C00



006E7E

# Complementary

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



8628A5



47A528

# 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.



006C3F



8628A5



445F00

# Square

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



8628A5



A32900



006800



006CB3

# Rectangle

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



8628A5



BA0045



006800



006E69



# Sweetspot

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



8628A5



CAA5D6



2847A5



644D6B



EBEBEB



6B6B6B



# Same Dimension

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



8628A5



A613D6



A52886



504952



6D0091



0D0012



# Inverse Universe

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



A52847



D61344



28A547



52494B



910024



120004



# Previews

## White Background



This preview shows how the Hex color 8628A5 looks on a white background.

## Color Contrast Check

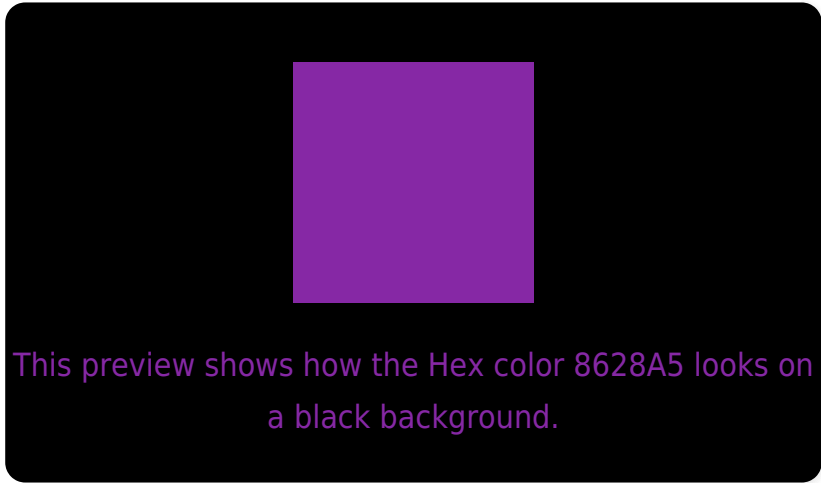
Large Text (above 18pt) WCAG AA ✓ Pass

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

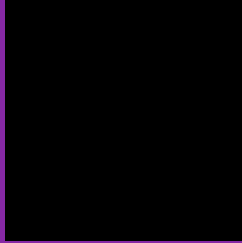
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8628A5 Background



This preview shows how black text looks on a background with the Hex color 8628A5.

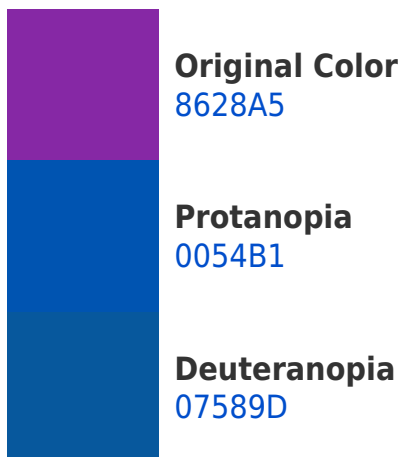


This preview shows how white text looks on a background with the Hex color 8628A5.

# 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](#).

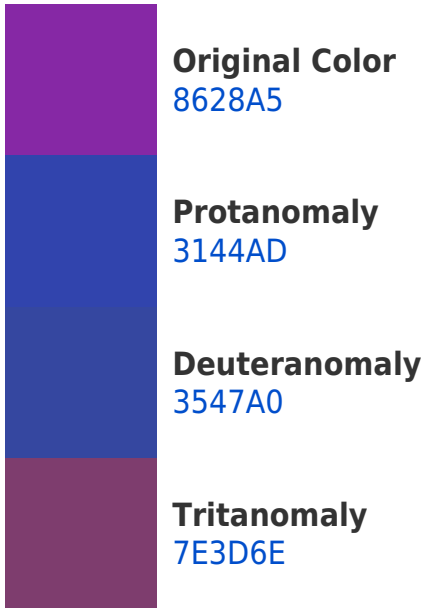
## Dichromacy



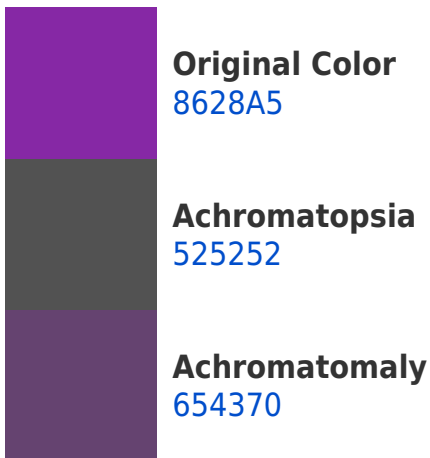


**Tritanopia**  
79494E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8628A5 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 #8628A5 looks like.

```
.text, #text, p{  
    color:#8628A5  
}
```

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 #8628A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8628A5
}
```

## Border

The CSS property to change the border of an element to Hex 8628A5 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
#8628A5 }
```

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

```
.border{ border-color:#8628A5 }
```

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

Here you see how a box with a 4 pixel #8628A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8628A5; -webkit-box-shadow:4px 4px  
4px 4px #8628A5; box-shadow:4px 4px 4px  
4px #8628A5 }
```

# Background

The CSS property to change the background color of an element to Hex 8628A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8628A5 }
```

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

```
.background{ background-color:#8628A5 }
```

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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