

# Converting Colors

Hex(866584)

Have a look what the booklet for  
Hex(866584) contains.

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# Color

**Hex(866584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866584
RGB	134, 101, 132
RGB Percent	53%, 40%, 52%
CMY	0.4745, 0.6039, 0.4824
CMYK	0.00, 0.25, 0.01, 0.47
HSL	304°, 14%, 46%
HSV	304°, 25%, 53%
XYZ	18.6501, 16.0416, 23.9432
YIQ	114.4010, 9.7170, 16.6370

# Conversions

## Conversions Part 2

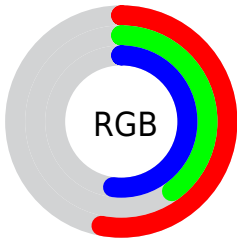
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 101, 132
Decimal	8807812
CIELab	47.03, 18.87, -12.05
CIElCh	47, 22.388, 327.446
Yxy	16.0416, 0.3181, 0.2736
Android (android.graphics.Color)	4286997892 (0xFF866584)
YUV	114.4010, 8.6763, 17.1883
Hunter-Lab	40.0520, 13.0268, -7.4073

# Details

The Hex color **866584** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **658667**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BC98B9**, and **543653** is the 20% darker color. If you saturate the color by 10%, you get **865883**, and if you desaturate by 10%, it is **867285**.

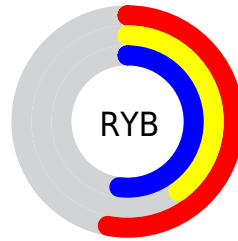
# Distribution



Red (53%)

Green (40%)

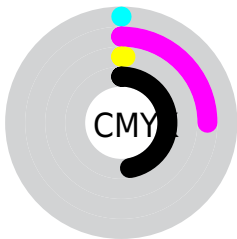
Blue (52%)



Red (53%)

Yellow (40%)

Blue (52%)

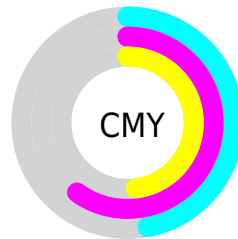


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866584 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 866584 by changing the saturation by 10% instead.



 866584

 866584

FFFFFF

 6C4D6B

 BC98B9

 543653

 D7B3D5

 3C203B

 F4CFF1

 260B26

 FFE8FF

 080010

 000000

 866584

 866584

 865883

 867285

 864A82

 868086

863D82

868D86

862F81

869B87

862280

86A888

86157F

86B589

86077E

86C38A

86007E

86D08A

86DE8B

# Harmonies

## Analogous

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



706B91



866584



936272

# Triad

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



866584



7E6E4A



337980

# Complementary

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



866584



658667

# 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.



407A6D



866584



6B744E

# Square

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



866584



8D6750



55785B



3B778F

# Rectangle

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



866584



956265



55785B



357A7A



# Sweetspot

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



866584



ADA1AD



676586



575056



D6D6D6



575757



# Same Dimension

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



866584



AD79AA



866574



423C42



82007A



030002



# Inverse Universe

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



866584



AD79AA



658677



423C42



82007A

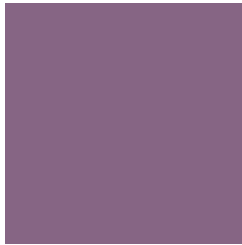


030002



# Previews

## White Background



This preview shows how the Hex color 866584 looks on a white background.

## Color Contrast Check

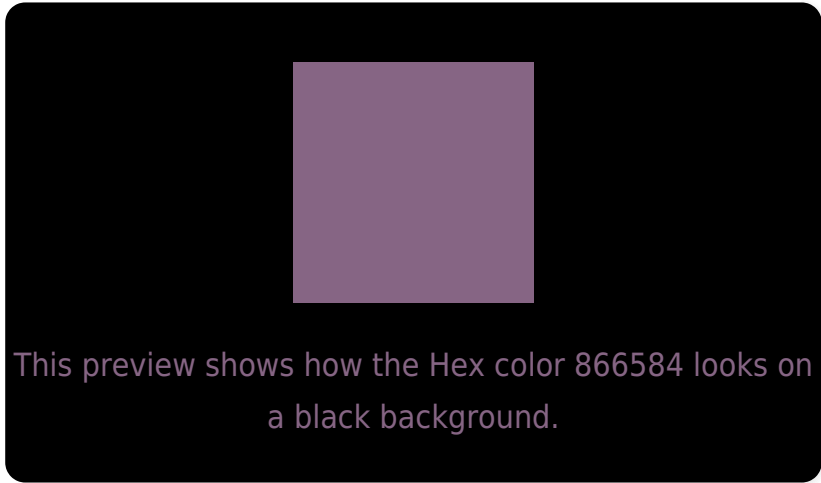
Large Text (above 18pt) WCAG AA ✓ Pass

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

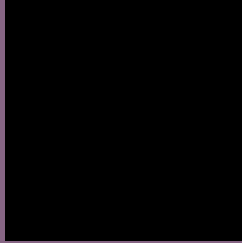
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 866584 Background



This preview shows how black text looks on a background with the Hex color 866584.




This preview shows how white text looks on a background with the Hex color 866584.

# 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**  
836971

# Trichromacy



**Original Color**  
866584

**Protanomaly**  
746B88

**Deuteranomaly**  
796A83

**Tritanomaly**  
846878

# Monochromacy



**Original Color**  
866584

**Achromatopsia**  
727272

**Achromatomaly**  
796D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866584 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 #866584 looks like.

```
.text, #text, p{  
    color:#866584  
}
```

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 #866584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866584
}
```

## Border

The CSS property to change the border of an element to Hex 866584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

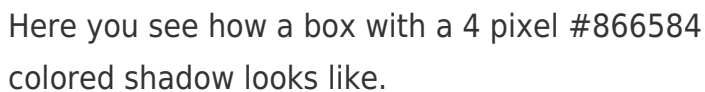
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#866584 }
```

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

```
.border{ border-color:#866584 }
```

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



Here you see how a box with a 4 pixel #866584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866584; -webkit-box-shadow:4px 4px  
4px 4px #866584; box-shadow:4px 4px 4px  
4px #866584 }
```

# Background

The CSS property to change the background color of an element to Hex 866584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866584 }
```

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

```
.background{ background-color:#866584 }
```

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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