

# Converting Colors

Hex(8366A6)

Have a look what the booklet for  
Hex(8366A6) contains.

<b>Hex(8366A6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8366A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8366A6
RGB	131, 102, 166
RGB Percent	51%, 40%, 65%
CMY	0.4863, 0.6000, 0.3490
CMYK	0.21, 0.39, 0.00, 0.35
HSL	267°, 26%, 53%
HSV	267°, 39%, 65%
XYZ	20.9944, 17.0812, 38.2669
YIQ	117.9670, -3.2600, 26.0520

# Conversions

## Conversions Part 2

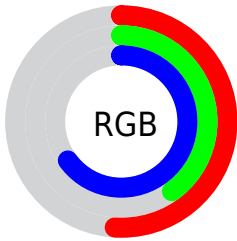
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 102, 166
Decimal	8611494
CIE <sub>Lab</sub>	48.36, 24.82, -30.17
CIE <sub>LCh</sub>	48, 39.069, 309.443
Yxy	17.0812, 0.2750, 0.2237
Android (android.graphics.Color)	4286801574 (0xFF8366A6)
YUV	117.9670, 23.6803, 11.4299
Hunter-Lab	41.3294, 18.3473, -25.9660

# Details

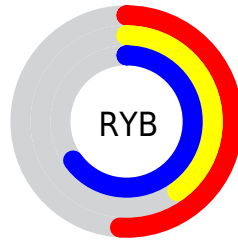
The Hex color **8366A6** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89A666**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B999DD**, and **503672** is the 20% darker color. If you saturate the color by 10%, you get **7A55A6**, and if you desaturate by 10%, it is **8C77A6**.

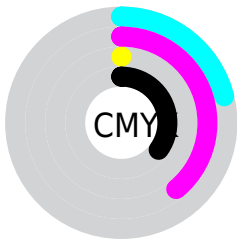
# Distribution



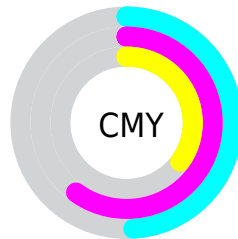
- Red (51%)
- Green (40%)
- Blue (65%)



- Red (51%)
- Yellow (40%)
- Blue (65%)



- Cyan (21%)
- Magenta (39%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (60%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8366A6 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 8366A6 by changing the saturation by 10% instead.



8366A6

8366A6

FFFFFF

694E8B

B999DD

503672

D5B4FA

382059

F2D0FF

200B41

FFECFF

09002B

000115

000000

8366A6

8366A6

7A55A6

8C77A6

7145A6

9587A6

6834A6

9E98A6

5F24A6

A7A8A6

5613A6

B0B9A6

4D02A6

B9CAA6

4B00A6

C3DAA6

CCEBA6

D5FBA6

# Harmonies

## Analogous

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



4D73B4



8366A6



A45A8B

# Triad

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



8366A6



996934



00847D

# Complementary

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



8366A6



89A666

# 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.



26825A



8366A6



7C742F

# Square

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



8366A6



AC5D4B



597D3E



00829C

# Rectangle

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



8366A6



AE5775



597D3E



008371



# Sweetspot

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



8366A6



CBBFD9



6689A6



655E6E



EDEDED



6E6E6E



# Same Dimension

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



8366A6



A275D9



A366A6



504C54



430094



090014



# Inverse Universe

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



A66689



D975AC



69A666



544C50



940051



14000B



# Previews

## White Background



This preview shows how the Hex color 8366A6 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



This preview shows how the Hex color 8366A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

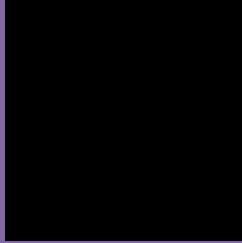
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8366A6 Background



This preview shows how black text looks on a background with the Hex color 8366A6.

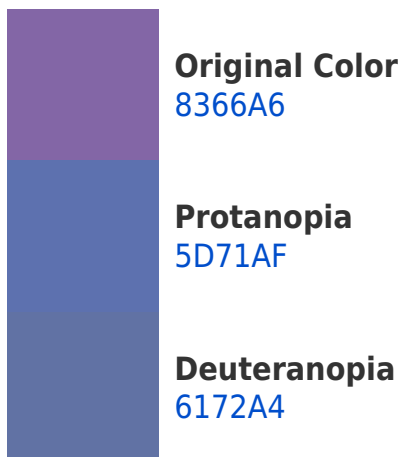


This preview shows how white text looks on a background with the Hex color 8366A6.

# 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](#).

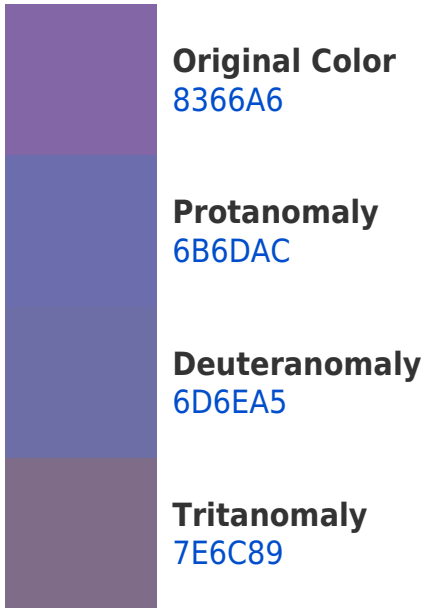
## Dichromacy





**Tritanopia**  
7B7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8366A6 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 #8366A6 looks like.

```
.text, #text, p{  
    color:#8366A6  
}
```

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 #8366A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8366A6
}
```

## Border

The CSS property to change the border of an element to Hex 8366A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

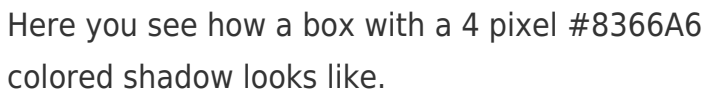
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8366A6 }
```

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

```
.border{ border-color:#8366A6 }
```

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



Here you see how a box with a 4 pixel #8366A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8366A6; -webkit-box-shadow:4px 4px  
4px 4px #8366A6; box-shadow:4px 4px 4px  
4px #8366A6 }
```

# Background

The CSS property to change the background color of an element to Hex 8366A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8366A6 }
```

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

```
.background{ background-color:#8366A6 }
```

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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