

# Converting Colors

Hex(086BA7)

Have a look what the booklet for  
Hex(086BA7) contains.

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# Color

**Hex(086BA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	086BA7
RGB	8, 107, 167
RGB Percent	3%, 42%, 65%
CMY	0.9686, 0.5804, 0.3451
CMYK	0.95, 0.36, 0.00, 0.35
HSL	203°, 91%, 34%
HSV	203°, 95%, 65%
XYZ	12.3329, 13.3570, 38.4874
YIQ	84.2390, -78.2640, -2.3280

# Conversions

## Conversions Part 2

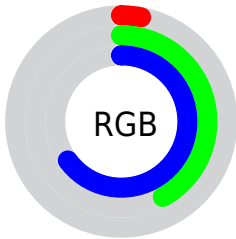
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 69, 167
Decimal	551847
CIELab	43.30, -2.46, -39.18
CIELCh	43, 39.253, 266.412
Yxy	13.3570, 0.1922, 0.2081
Android (android.graphics.Color)	4278741927 (0xFF086BA7)
YUV	84.2390, 40.8012, -66.8616
Hunter-Lab	36.5473, -3.7229, -36.8543

# Details

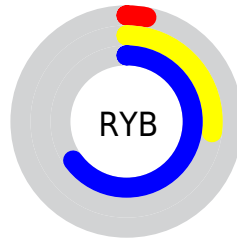
The Hex color **086BA7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A74408**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5A9EDF**, and **003C73** is the 20% darker color. If you saturate the color by 10%, you get **0068A7**, and if you desaturate by 10%, it is **1971A7**.

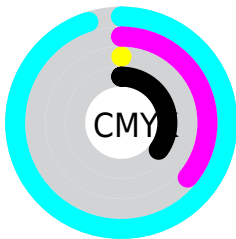
# Distribution



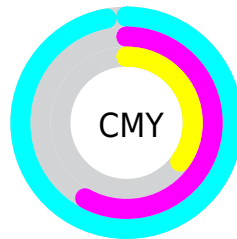
- Red (3%)
- Green (42%)
- Blue (65%)



- Red (3%)
- Yellow (27%)
- Blue (65%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (35%)



- Cyan (97%)
- Magenta (58%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 086BA7 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 086BA7 by changing the saturation by 10% instead.



■ 086BA7

■ 086BA7

FFFFFF

■ 00538C

■ 5A9EDF

■ 003C73

■ 78B9FB

■ 00275A

■ 96D4FF

■ 001242

■ B3F1FF

■ 00032B

■ D0FFFF

■ 000115

■ EEEFFF

■ 000000

■ 086BA7

■ 086BA7

■ 0068A7

■ 1971A7

■ 2978A7

■ 3A7EA7

■ 4B84A7

■ 5B8BA7

■ 6C91A7

■ 7D97A7

■ 8E9DA7

■ 9EA4A7

# Harmonies

## Analogous

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



00739C



086BA7



615FA1

# Triad

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



086BA7



A24C4B



327341

# Complementary

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



086BA7



A74408

# 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.



5C6D29



086BA7



945731

# Square

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



086BA7



9F4A6C



7C6322



007661

# Rectangle

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



086BA7



7F5693



7C6322



427137



# Sweetspot

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



086BA7



9AC1D9



08A742



475F6E



EDEDED



6E6E6E



# Same Dimension

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



086BA7



0087D9



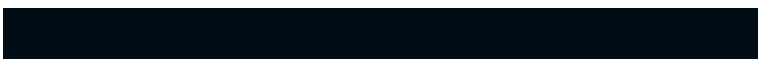
081DA7



4C5154



005C94



000D14



# Inverse Universe

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



A7086B



D90087



A79208



544C51



94005C



14000D



# Previews

## White Background



This preview shows how the Hex color 086BA7 looks on a white background.

## Color Contrast Check

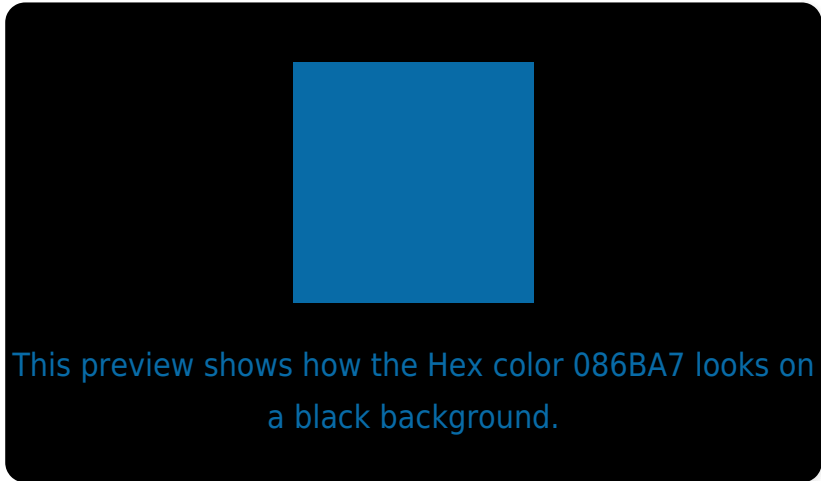
Large Text (above 18pt) WCAG AA ✓ Pass

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

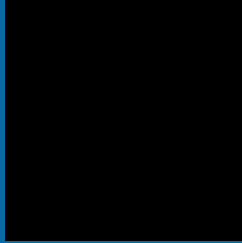
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 086BA7 Background



This preview shows how black text looks on a background with the Hex color 086BA7.

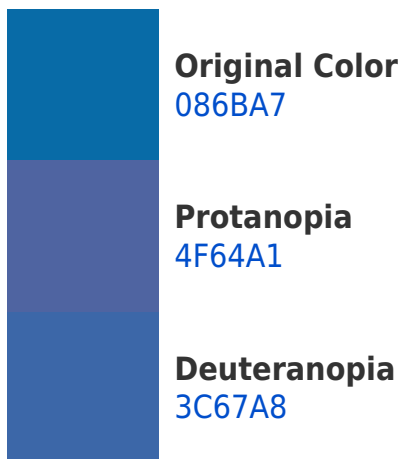


This preview shows how white text looks on a background with the Hex color 086BA7.

# 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**  
00717A

# Trichromacy



**Original Color**  
086BA7

**Protanomaly**  
3567A3

**Deuteranomaly**  
2968A8

**Tritanomaly**  
036F8A

# Monochromacy



**Original Color**  
086BA7

**Achromatopsia**  
545454

**Achromatomaly**  
385C72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 086BA7 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 #086BA7 looks like.

```
.text, #text, p{  
    color:#086BA7  
}
```

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 #086BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086BA7
}
```

## Border

The CSS property to change the border of an element to Hex 086BA7 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
#086BA7 }
```

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

```
.border{ border-color:#086BA7 }
```

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

Here you see how a box with a 4 pixel #086BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086BA7; -webkit-box-shadow:4px 4px  
4px 4px #086BA7; box-shadow:4px 4px 4px  
4px #086BA7 }
```

# Background

The CSS property to change the background color of an element to Hex 086BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086BA7 }
```

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

```
.background{ background-color:#086BA7 }
```

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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