

# Converting Colors

Hex(1085A7)

Have a look what the booklet for  
Hex(1085A7) contains.

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**Color**

**Hex(1085A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1085A7
RGB	16, 133, 167
RGB Percent	6%, 52%, 65%
CMY	0.9373, 0.4784, 0.3451
CMYK	0.90, 0.20, 0.00, 0.35
HSL	194°, 83%, 36%
HSV	194°, 90%, 65%
XYZ	15.5763, 19.6752, 39.5360
YIQ	101.8930, -80.6460, -14.2300

# Conversions

## Conversions Part 2

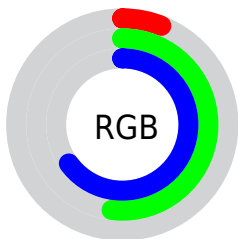
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 82, 167
Decimal	1082791
CIELab	51.47, -17.19, -26.36
CIElCh	51, 31.471, 236.887
Yxy	19.6752, 0.2083, 0.2631
Android (android.graphics.Color)	4279272871 (0xFF1085A7)
YUV	101.8930, 32.0978, -75.3282
Hunter-Lab	44.3568, -14.9425, -21.7965

# Details

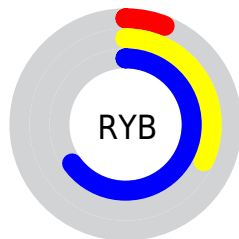
The Hex color **1085A7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A73210**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5EBADE**, and **005373** is the 20% darker color. If you saturate the color by 10%, you get **0081A7**, and if you desaturate by 10%, it is **2189A7**.

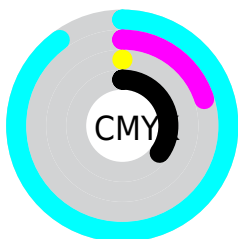
# Distribution



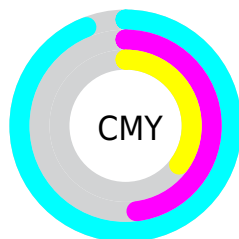
- Red (6%)
- Green (52%)
- Blue (65%)



- Red (6%)
- Yellow (32%)
- Blue (65%)



- Cyan (90%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (94%)
- Magenta (48%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1085A7 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 1085A7 by changing the saturation by 10% instead.



1085A7

1085A7

FFFFFF

006C8D

5EBADE

005373

7CD6FB

003C5A

99F2FF

002643

B7FFFF

000D2C

D5FFFF

000117

F3FFFF

000000

1085A7

1085A7

0081A7

2189A7

■ 318DA7

■ 4290A7

■ 5394A7

■ 6398A7

■ 749CA7

■ 859FA7

■ 96A3A7

■ A6A7A7

# Harmonies

## Analogous

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



008892



1085A7



4D7EB0

# Triad

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



1085A7



AC667F



73804A

# Complementary

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



1085A7



A73210

# 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.



8F7844



1085A7



AE6764

# Square

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



1085A7



9A6B98



A36F4E



53865C

# Rectangle

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



1085A7



6C78AE



A36F4E



7D7E46



# Sweetspot

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



1085A7



9ECCD9



10A731



4B666E



EDEDED



6E6E6E



# Same Dimension

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



1085A7



00A8D9



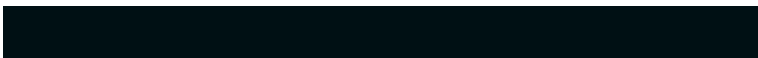
103BA7



4C5254



007394



001014



# Inverse Universe

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



A71085



D900A8



A77C10



544C52



940073



140010



# Previews

## White Background



This preview shows how the Hex color 1085A7 looks on a white background.

## Color Contrast Check

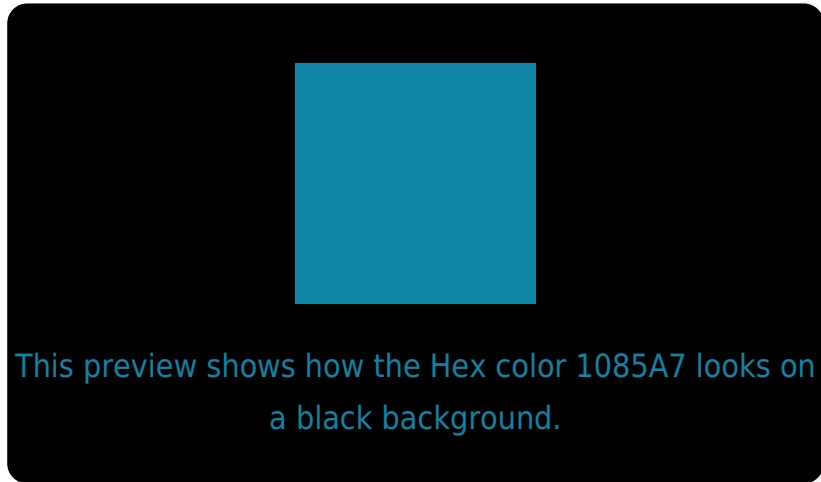
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

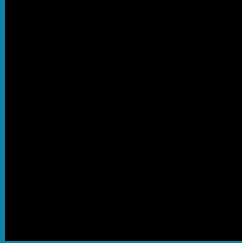
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1085A7 Background



This preview shows how black text looks on a background with the Hex color 1085A7.

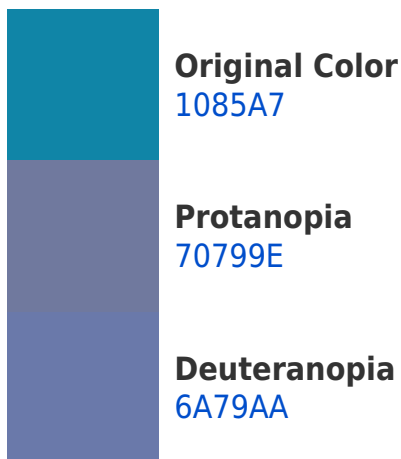


This preview shows how white text looks on a background with the Hex color 1085A7.

# Color Blindness Simulation

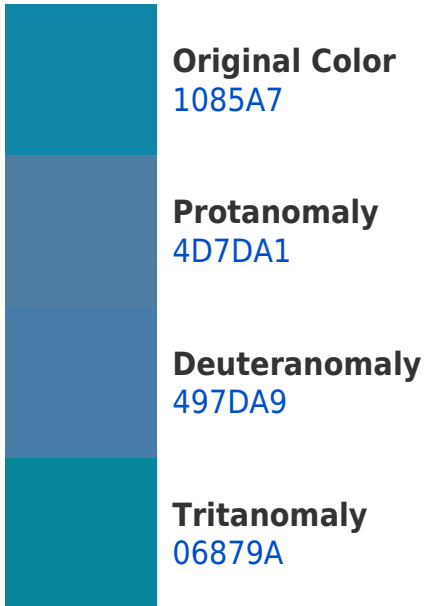
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1085A7 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 #1085A7 looks like.

```
.text, #text, p{  
    color:#1085A7  
}
```

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 #1085A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1085A7
}
```

## Border

The CSS property to change the border of an element to Hex 1085A7 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
#1085A7 }
```

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

```
.border{ border-color:#1085A7 }
```

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

Here you see how a box with a 4 pixel #1085A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1085A7; -webkit-box-shadow:4px 4px  
4px 4px #1085A7; box-shadow:4px 4px 4px  
4px #1085A7 }
```

# Background

The CSS property to change the background color of an element to Hex 1085A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1085A7 }
```

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

```
.background{ background-color:#1085A7 }
```

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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