

# Converting Colors

Hex(7097DC)

Have a look what the booklet for  
Hex(7097DC) contains.

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# **Color**

**Hex(7097DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7097DC
RGB	112, 151, 220
RGB Percent	44%, 59%, 86%
CMY	0.5608, 0.4078, 0.1373
CMYK	0.49, 0.31, 0.00, 0.14
HSL	218°, 61%, 65%
HSV	218°, 49%, 86%
XYZ	30.6670, 30.7453, 72.0283
YIQ	147.2050, -45.3930, 13.1910

# Conversions

## Conversions Part 2

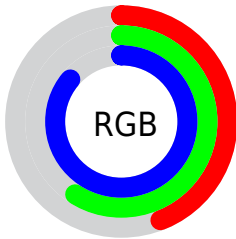
Format	Color
<a href="#">RYB</a>	112, 141, 220
Decimal	7378908
CIELab	62.29, 5.47, -39.28
CIELCh	62, 39.658, 277.930
Yxy	30.7453, 0.2298, 0.2304
Android (android.graphics.Color)	4285568988 (0xFF7097DC)
YUV	147.2050, 35.8879, -30.8748
Hunter-Lab	55.4484, 1.6886, -38.2046

# Details

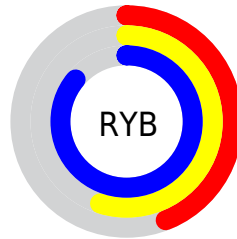
The Hex color **7097DC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCB570**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A9CDFF**, and **3665A5** is the 20% darker color. If you saturate the color by 10%, you get **5A89DC**, and if you desaturate by 10%, it is **86A5DC**.

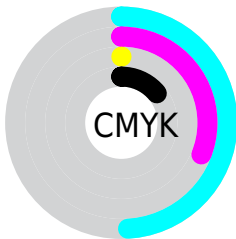
# Distribution



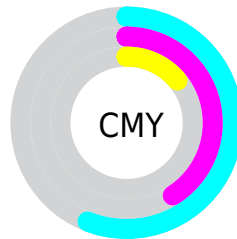
- Red (44%)
- Green (59%)
- Blue (86%)



- Red (44%)
- Yellow (55%)
- Blue (86%)



- Cyan (49%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (41%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7097DC 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 7097DC by changing the saturation by 10% instead.



 7097DC

 7097DC

FFFFFF

 547DC0

 A9CDFF

 3665A5

 C5E9FF

 0E4D8A

 E3FFFF

 003670

 002257

 000A40

 000329

 000113

 000000

■ 7097DC

■ 7097DC

■ 5A89DC

■ 86A5DC

■ 447BDC

■ 9CB3DC

■ 2E6DDC

■ B2C1DC

■ 185FDC

■ C8CFDC

■ 0251DC

■ DEDDDC

■ 004FDC

■ F4EBDC

■ FFF9DC

■ FFFFDC

# Harmonies

## Analogous

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



1AA1D7



7097DC



A68ACE

# Triad

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



7097DC



D6806D



50A77B

# Complementary

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



7097DC



DCB570

# 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.



7EA15E



7097DC



C28B56

# Square

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



7097DC



DA7A8E



A4984F



00A99F

# Rectangle

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



7097DC



C082BC



A4984F



61A570



# Sweetspot

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



7097DC



D9E7FF



70DCB4



697180



000000



808080

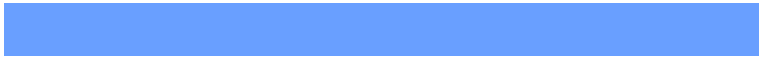


# Same Dimension

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



7097DC



699FFF



7E70DC



63676E



003FAD



00112E



# Inverse Universe

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



DC7097



FF699F



CEDC70



6E6367



AD003F

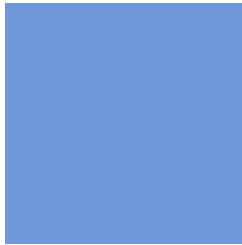


2E0011



# Previews

## White Background



This preview shows how the Hex color 7097DC looks on a white background.

## Color Contrast Check

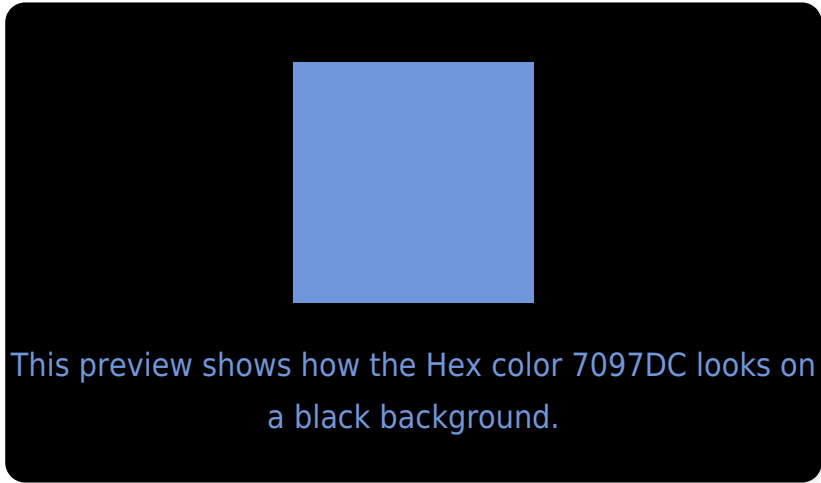
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

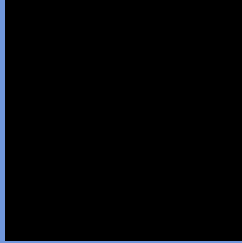
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

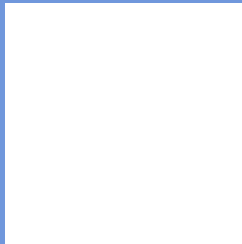
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7097DC Background



This preview shows how black text looks on a background with the Hex color 7097DC.



This preview shows how white text looks on a background with the Hex color 7097DC.

# 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



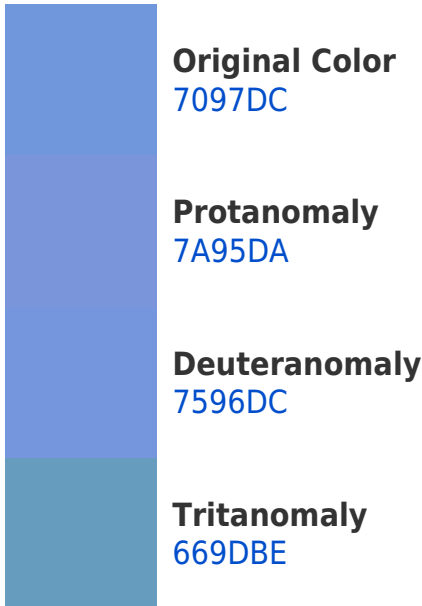
**Original Color**  
7097DC

**Protanopia**  
7F94D9

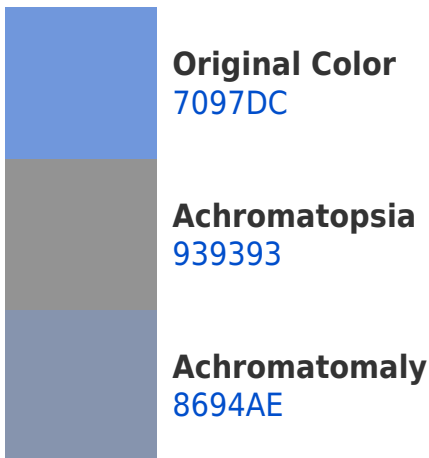
**Deuteranopia**  
7895DC



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7097DC 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 #7097DC looks like.

```
.text, #text, p{  
    color:#7097DC  
}
```

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 #7097DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7097DC  
}
```

## Border

The CSS property to change the border of an element to Hex 7097DC 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  
#7097DC }
```

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

```
.border{ border-color:#7097DC }
```

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

Here you see how a box with a 4 pixel #7097DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7097DC; -webkit-box-shadow:4px 4px  
4px 4px #7097DC; box-shadow:4px 4px 4px  
4px #7097DC }
```

# Background

The CSS property to change the background color of an element to Hex 7097DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7097DC }
```

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

```
.background{ background-color:#7097DC }
```

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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