

# Converting Colors

Hex(7098DE)

Have a look what the booklet for  
Hex(7098DE) contains.

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# **Color**

**Hex(7098DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7098DE
RGB	112, 152, 222
RGB Percent	44%, 60%, 87%
CMY	0.5608, 0.4039, 0.1294
CMYK	0.50, 0.32, 0.00, 0.13
HSL	218°, 62%, 65%
HSV	218°, 50%, 87%
XYZ	31.0951, 31.1751, 73.4858
YIQ	148.0200, -46.3100, 13.2900

# Conversions

## Conversions Part 2

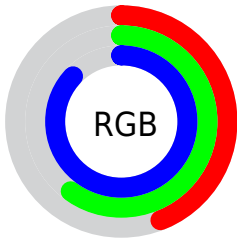
Format	Color
R <sub>Y</sub> B	112, 141, 222
Decimal	7379166
CIE Lab	62.66, 5.49, -39.82
CIE LCh	63, 40.198, 277.856
Yxy	31.1751, 0.2291, 0.2296
Android (android.graphics.Color)	4285569246 (0xFF7098DE)
YUV	148.0200, 36.4721, -31.5895
Hunter-Lab	55.8347, 1.6985, -38.9491

# Details

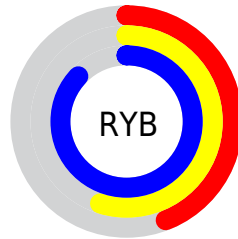
The Hex color **7098DE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEB670**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A9CEFF**, and **3565A6** is the 20% darker color. If you saturate the color by 10%, you get **5A8ADE**, and if you desaturate by 10%, it is **86A6DE**.

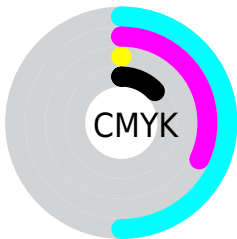
# Distribution



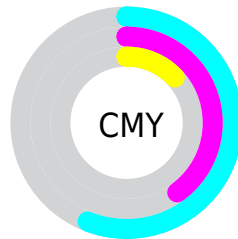
- Red (44%)
- Green (60%)
- Blue (87%)



- Red (44%)
- Yellow (55%)
- Blue (87%)



- Cyan (50%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (40%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7098DE 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 7098DE by changing the saturation by 10% instead.



 7098DE

 7098DE

FFFFFF

 537EC2

 A9CEFF

 3565A6

 C6EAFF

 0C4E8C

 E3FFFF

 003772

 002359


 000C41

 00032A

 000115

 000000

 7098DE

 7098DE

 5A8ADE

 86A6DE

 447CDE

 9CB4DE

 2D6EDE

 B3C2DE

 175FDE

 C9D1DE

 0151DE

 DFDFDE

 0051DE

 F5EDDE

 FFFBDE

 FFFFDE

# Harmonies

## Analogous

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



15A2D9



7098DE



A78BD0

# Triad

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



7098DE



D8806E



50A87B

# Complementary

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



7098DE



DEB670

# 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.



7EA25E



7098DE



C48C56

# Square

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



7098DE



DB7B8F



A5994F



00AAA0

# Rectangle

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



7098DE



C282BE



A5994F



61A770



# Sweetspot

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



7098DE



D9E7FF



70DEB6



697180



000000



808080

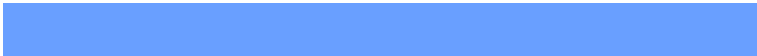


# Same Dimension

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



7098DE



699FFF



7F70DE



656970



0040B0



001230



# Inverse Universe

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



DE7098



FF699F



CFDE70



706569



B00040

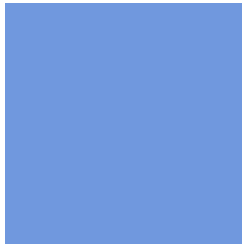


300012



# Previews

## White Background



This preview shows how the Hex color 7098DE looks on a white background.

## Color Contrast Check

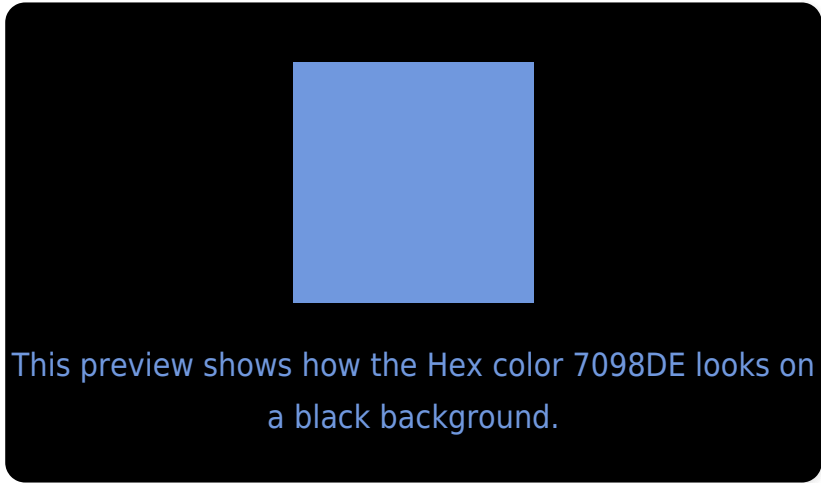
Large Text (above 18pt) WCAG AA × Fail

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

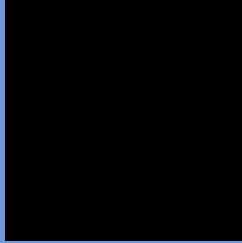
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

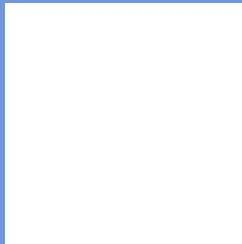
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7098DE Background



This preview shows how black text looks on a background with the Hex color 7098DE.

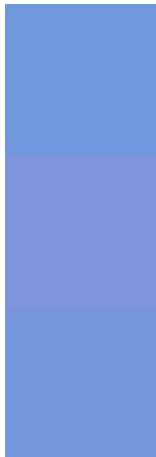


This preview shows how white text looks on a background with the Hex color 7098DE.

# 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**  
7098DE

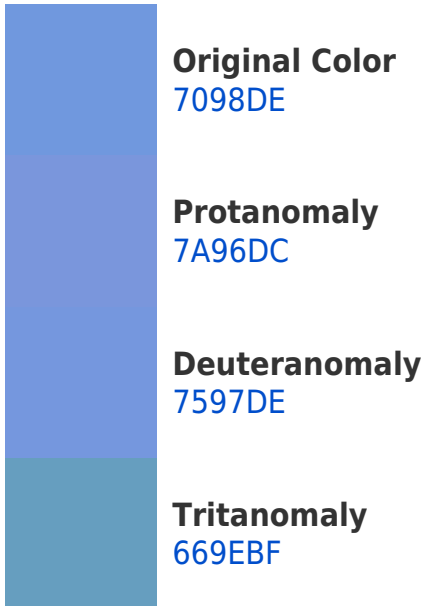
**Protanopia**  
8095DB

**Deuteranopia**  
7896DE

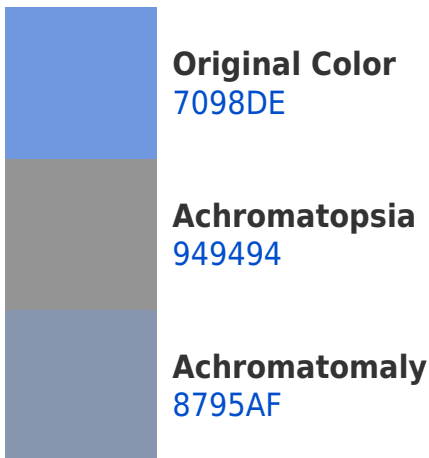


**Tritanopia**  
61A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7098DE 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 #7098DE looks like.

```
.text, #text, p{  
    color:#7098DE  
}
```

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 #7098DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7098DE
}
```

## Border

The CSS property to change the border of an element to Hex 7098DE 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
#7098DE }
```

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

```
.border{ border-color:#7098DE }
```

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

Here you see how a box with a 4 pixel #7098DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7098DE; -webkit-box-shadow:4px 4px  
4px 4px #7098DE; box-shadow:4px 4px 4px  
4px #7098DE }
```

# Background

The CSS property to change the background color of an element to Hex 7098DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7098DE }
```

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

```
.background{ background-color:#7098DE }
```

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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