

# Converting Colors

Hex(709DD8)

Have a look what the booklet for  
Hex(709DD8) contains.

<b>Hex(709DD8)</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(709DD8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	709DD8
RGB	112, 157, 216
RGB Percent	44%, 62%, 85%
CMY	0.5608, 0.3843, 0.1529
CMYK	0.48, 0.27, 0.00, 0.15
HSL	214°, 57%, 64%
HSV	214°, 48%, 85%
XYZ	31.1337, 32.5166, 69.6011
YIQ	150.2710, -45.7590, 8.8090

# Conversions

## Conversions Part 2

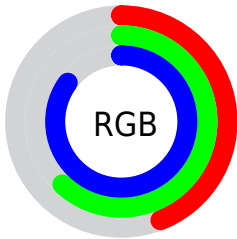
Format	Color
<a href="#">RYB</a>	<a href="#">112, 143, 216</a>
Decimal	<a href="#">7380440</a>
CIELab	<a href="#">63.77, 0.84, -34.76</a>
CIELCh	<a href="#">64, 34.765, 271.388</a>
Yxy	<a href="#">32.5166, 0.2336, 0.2440</a>
Android (android.graphics.Color)	<a href="#">4285570520 (0xFF709DD8)</a>
YUV	<a href="#">150.2710, 32.4044, -33.5637</a>
Hunter-Lab	<a href="#">57.0233, -2.3328, -32.4515</a>

# Details

The Hex color **709DD8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D8AB70**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A8D3FF**, and **376AA1** is the 20% darker color. If you saturate the color by 10%, you get **5A91D8**, and if you desaturate by 10%, it is **86A9D8**.

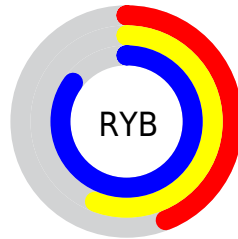
# Distribution



Red (44%)

Green (62%)

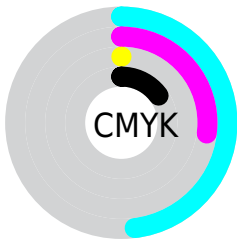
Blue (85%)



Red (44%)

Yellow (56%)

Blue (85%)

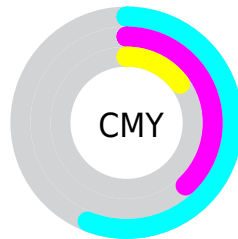


Cyan (48%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (56%)

Magenta (38%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 709DD8 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 709DD8 by changing the saturation by 10% instead.



■ 709DD8

■ 709DD8

FFFFFF

■ 5483BC

■ A8D3FF

■ 376AA1

■ C5F0FF

■ 115286

■ E2FFFF

■ 003B6D

■ 002654

■ 00113D

■ 000326

■ 000110

■ 000000

 709DD8

 709DD8

 5A91D8

 86A9D8

 4584D8

 9BB6D8

 2F78D8

 B1C2D8

 1A6CD8

 C6CED8

 0460D8

 DCDAD8

 005DD8

 F2E7D8

 FFF3D8

 FFFFD8

# Harmonies

## Analogous

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



39A5D0



709DD8



A092CF

# Triad

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



709DD8



D5857C



68A87C

# Complementary

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



709DD8



D8AB70

# 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.



8DA265



709DD8



C78E65

# Square

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



709DD8



D5829A



AE995C



3EAB9B

# Rectangle

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



709DD8



B98BC1



AE995C



75A773

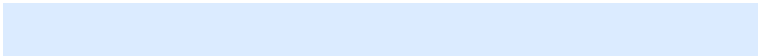


# Sweetspot

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



709DD8



DBEBFF



70D8AB



6A7380



000000



808080

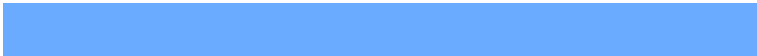


# Same Dimension

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



709DD8



6BABFF



7770D8



60656B



004AAB



00132B



# Inverse Universe

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



D8709D



FF6BAB



D1D870



6B6065



AB004A

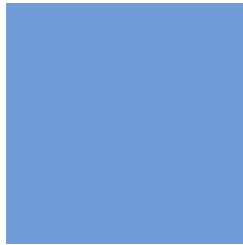


2B0013



# Previews

## White Background



This preview shows how the Hex color 709DD8 looks on a white background.

## Color Contrast Check

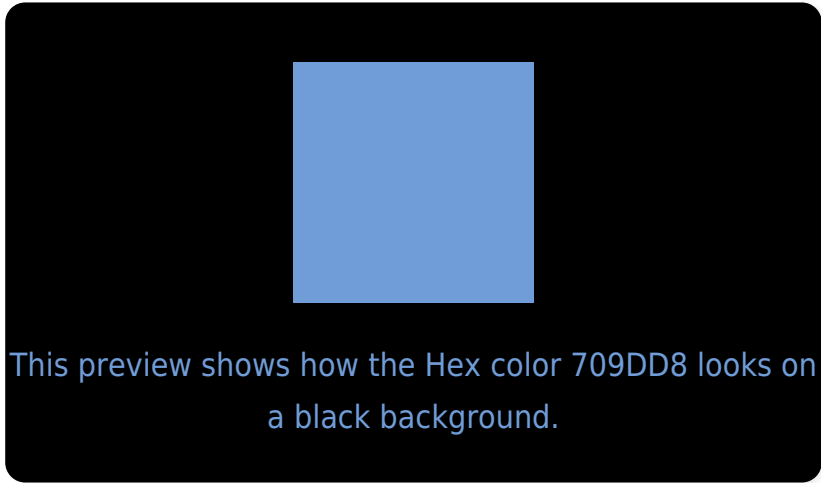
Large Text (above 18pt) WCAG AA × Fail

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

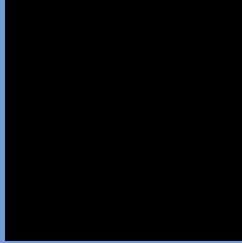
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

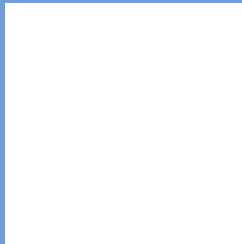
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 709DD8 Background



This preview shows how black text looks on a background with the Hex color 709DD8.

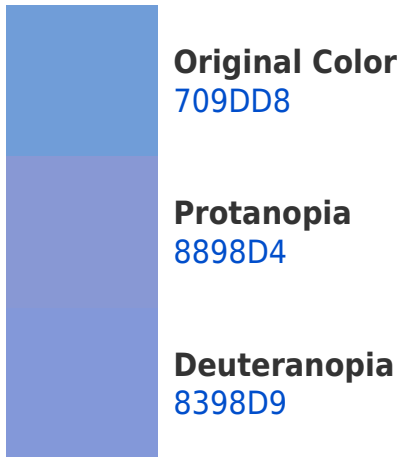


This preview shows how white text looks on a background with the Hex color 709DD8.

# 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](#).

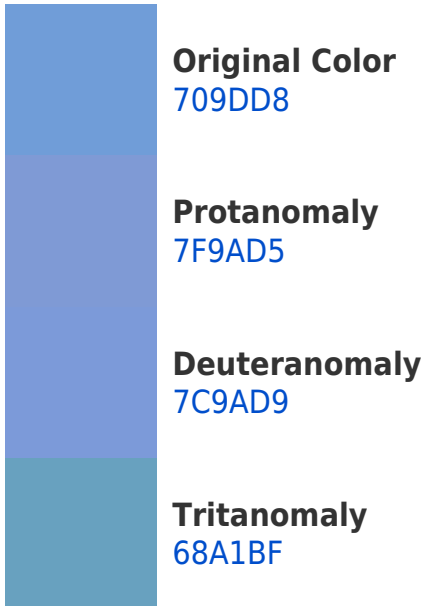
## Dichromacy



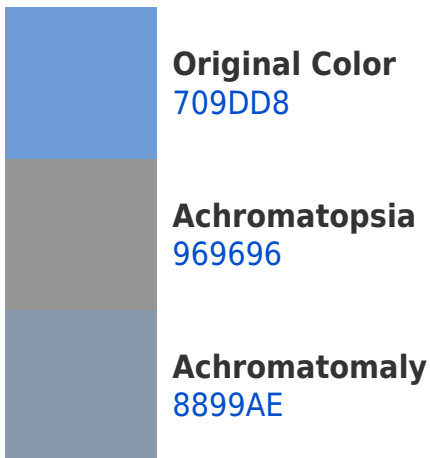


**Tritanopia**  
64A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 709DD8 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 #709DD8 looks like.

```
.text, #text, p{  
    color:#709DD8  
}
```

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 #709DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709DD8  
}
```

## Border

The CSS property to change the border of an element to Hex 709DD8 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  
#709DD8 }
```

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

```
.border{ border-color:#709DD8 }
```

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

Here you see how a box with a 4 pixel #709DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709DD8; -webkit-box-shadow:4px 4px  
4px 4px #709DD8; box-shadow:4px 4px 4px  
4px #709DD8 }
```

# Background

The CSS property to change the background color of an element to Hex 709DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709DD8 }
```

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

```
.background{ background-color:#709DD8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor