

Converting Colors

Hex(759DC8)

Have a look what the booklet for
Hex(759DC8) contains.

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Color

Hex(759DC8)

Conversions

Conversions Part 1

Format	Color
Hex	759DC8
RGB	117, 157, 200
RGB Percent	46%, 62%, 78%
CMY	0.5412, 0.3843, 0.2157
CMYK	0.42, 0.21, 0.00, 0.22
HSL	211°, 43%, 62%
HSV	211°, 42%, 78%
XYZ	29.8184, 32.0660, 59.2613
YIQ	149.9420, -37.6430, 4.8930

Conversions

Conversions Part 2

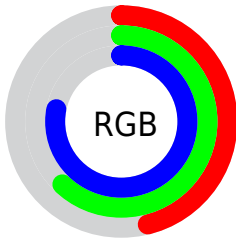
Format	Color
RYB	117, 144, 200
Decimal	7708104
CIELab	63.40, -2.49, -26.40
CIELCh	63, 26.518, 264.621
Yxy	32.0660, 0.2461, 0.2647
Android (android.graphics.Color)	4285898184 (0xFF759DC8)
YUV	149.9420, 24.6786, -28.8901
Hunter-Lab	56.6268, -5.1029, -22.4096

Details

The Hex color **759DC8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C8A075**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ACD3FF**, and **3F6A92** is the 20% darker color. If you saturate the color by 10%, you get **6193C8**, and if you desaturate by 10%, it is **89A7C8**.

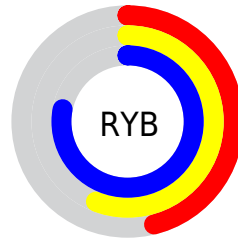
Distribution



Red (46%)

Green (62%)

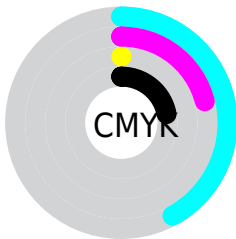
Blue (78%)



Red (46%)

Yellow (56%)

Blue (78%)

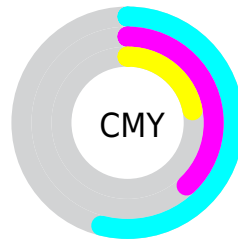


Cyan (42%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (54%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759DC8 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 759DC8 by changing the saturation by 10% instead.

 759DC8

 759DC8

FFFFFF

 5A83AD

 ACD3FF

 3F6A92

 C8F0FF

 235278

 E5FFFF

 003B5F

 002647

 001031

 00011B

 000000

 759DC8

 759DC8

■ 6193C8

■ 89A7C8

■ 4D88C8

■ 9DB2C8

■ 397EC8

■ B1BCC8

■ 2574C8

■ C5C6C8

■ 1169C8

■ D9D1C8

■ 0060C8

■ EDDBC8

■ FFE6C8

■ FFF0C8

■ FFFAC8

Harmonies

Analogous

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



58A3BF



759DC8



9795C4

Triad

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



759DC8



C98987



7BA47D

Complementary

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



759DC8



C8A075

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.



969E6E



759DC8



C08F74

Square

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



759DC8



C5889F



AE976B



61A694

Rectangle

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



759DC8



AB8FBB



AE976B



84A277

Sweetspot

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



759DC8



E0EFFF



75C8A0



6E7680



000000



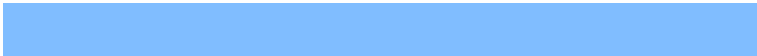
808080

Same Dimension

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



759DC8



80BDFF



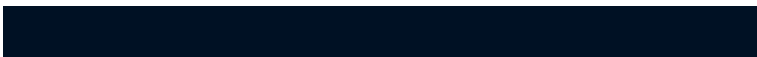
7675C8



5A5E63



004FA3



001124

Inverse Universe

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



C8759D



FF80BD



C7C875



635A5E



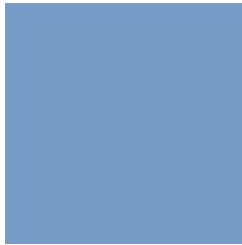
A3004F



240011

Previews

White Background



This preview shows how the Hex color 759DC8 looks on a white background.

Color Contrast Check

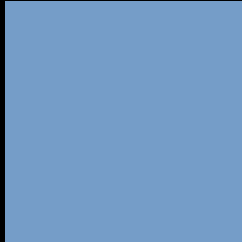
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 759DC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

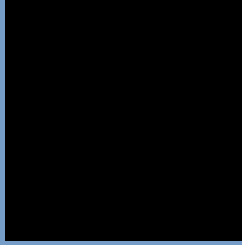
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

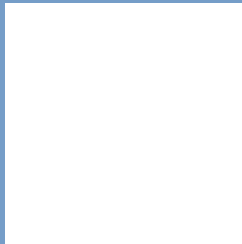
Any Text WCAG AAA ✓ Pass

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

Hex 759DC8 Background



This preview shows how black text looks on a background with the Hex color 759DC8.

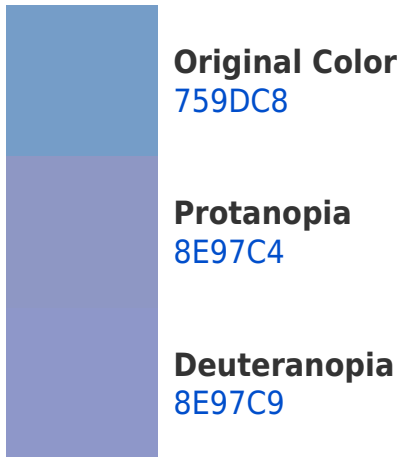


This preview shows how white text looks on a background with the Hex color 759DC8.

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](#).

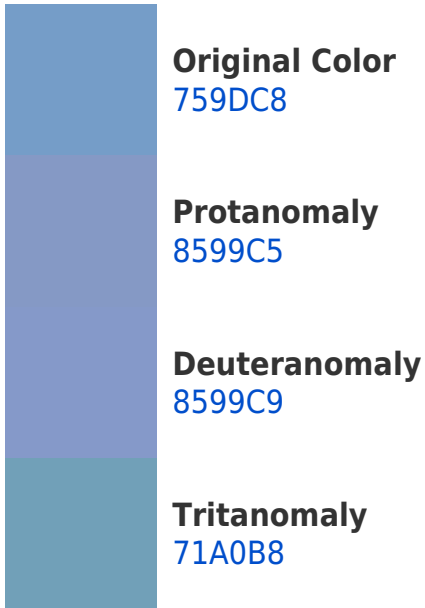
Dichromacy



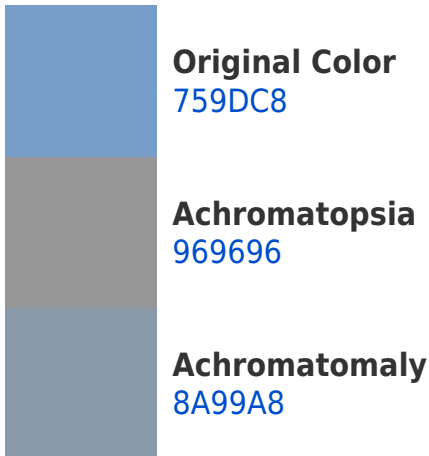


Tritanopia
6EA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 759DC8 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 #759DC8 looks like.

```
.text, #text, p{  
    color:#759DC8  
}
```

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 #759DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759DC8  
}
```

Border

The CSS property to change the border of an element to Hex 759DC8 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  
#759DC8 }
```

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

```
.border{ border-color:#759DC8 }
```

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

Here you see how a box with a 4 pixel #759DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759DC8; -webkit-box-shadow:4px 4px  
4px 4px #759DC8; box-shadow:4px 4px 4px  
4px #759DC8 }
```

Background

The CSS property to change the background color of an element to Hex 759DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759DC8 }
```

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

```
.background{ background-color:#759DC8 }
```

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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