

Converting Colors

Hex(768ACD)

Have a look what the booklet for
Hex(768ACD) contains.

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Color

Hex(768ACD)

Conversions

Conversions Part 1

Format	Color
Hex	768ACD
RGB	118, 138, 205
RGB Percent	46%, 54%, 80%
CMY	0.5373, 0.4588, 0.1961
CMYK	0.42, 0.33, 0.00, 0.20
HSL	226°, 47%, 63%
HSV	226°, 42%, 80%
XYZ	27.5791, 26.4363, 61.4067
YIQ	139.6580, -33.4270, 16.5970

Conversions

Conversions Part 2

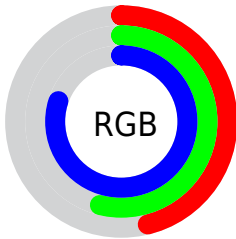
Format	Color
R_{YB}	118, 134, 205
Decimal	7768781
CIE _{Lab}	58.45, 10.12, -36.88
CIE _{LCh}	58, 38.242, 285.340
Yxy	26.4363, 0.2389, 0.2290
Android (android.graphics.Color)	4285958861 (0xFF768ACD)
YUV	139.6580, 32.2136, -18.9941
Hunter-Lab	51.4162, 5.7672, -34.8191

Details

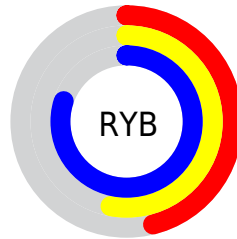
The Hex color **768ACD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDB976**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ADBFFF**, and **405896** is the 20% darker color. If you saturate the color by 10%, you get **627ACD**, and if you desaturate by 10%, it is **8B9ACD**.

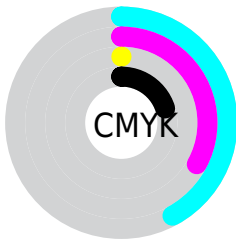
Distribution



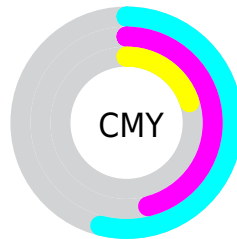
- Red (46%)
- Green (54%)
- Blue (80%)



- Red (46%)
- Yellow (53%)
- Blue (80%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768ACD 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 768ACD by changing the saturation by 10% instead.

 768ACD

 768ACD

FFFFFF

 5B71B1

 ADBFFF

 405896

 CADBFF

 23417C

 E7F7FF

 002C63

 00184B

 000234

 00021E

 000000

 768ACD

 768ACD

■ 627ACD

■ 8B9ACD

■ 4D6ACD

■ 9FAACD

■ 395BCD

■ B4B9CD

■ 244BCD

■ C8C9CD

■ 103BCD

■ DDD9CD

■ 002FCD

■ F1E9CD

■ FFF9CD

■ FFFFCD

Harmonies

Analogous

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



3095CD



768ACD



A67DBC

Triad

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



768ACD



C5795E



3B9D7A

Complementary

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



768ACD



CDB976

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.



6B985C



768ACD



B0854B

Square

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



768ACD



CD727C



91904A



009E9D

Rectangle

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



768ACD



BB76A9



91904A



4D9C6F

Sweetspot

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



768ACD



DEE5FF



76CDB9



6B7080



000000



808080

Same Dimension

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



768ACD



7D9BFF



8D76CD



5C5E66



0026A6



000926

Inverse Universe

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



CD768A



FF7D9B



B6CD76



665C5E



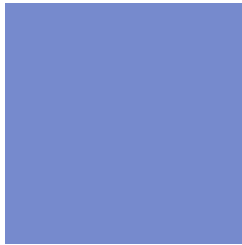
A60026



260009

Previews

White Background



This preview shows how the Hex color 768ACD looks on a white background.

Color Contrast Check

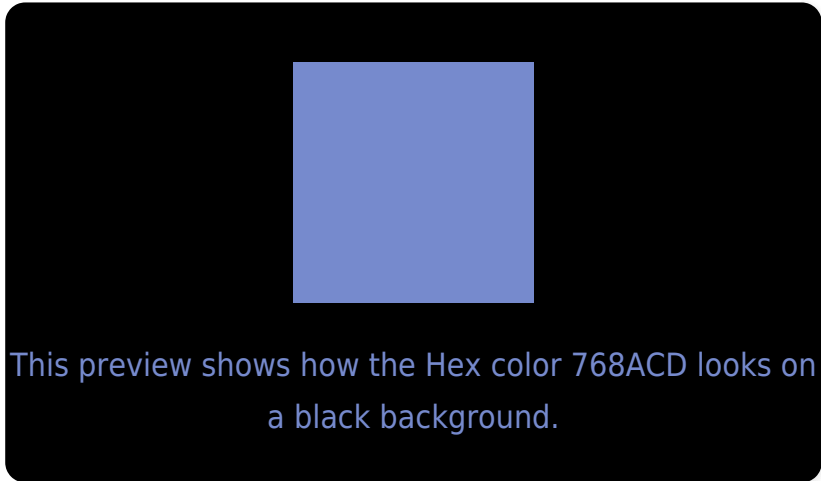
Large Text (above 18pt) WCAG AA ✓ Pass

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

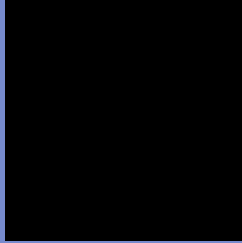
Any Text WCAG AA ✓ Pass

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 768ACD Background



This preview shows how black text looks on a background with the Hex color 768ACD.



This preview shows how white text looks on a background with the Hex color 768ACD.

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
768ACD

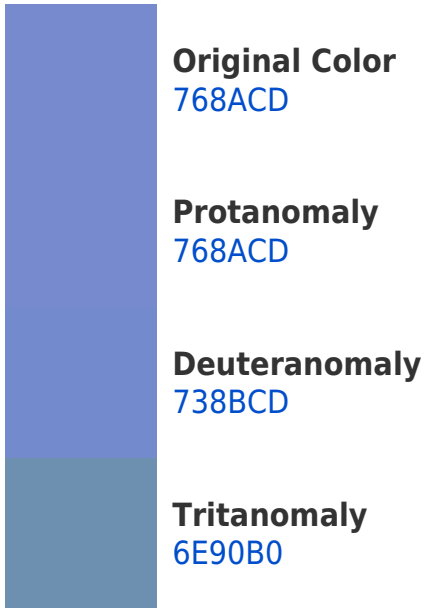
Protanopia
768ACD

Deuteranopia
718BCD

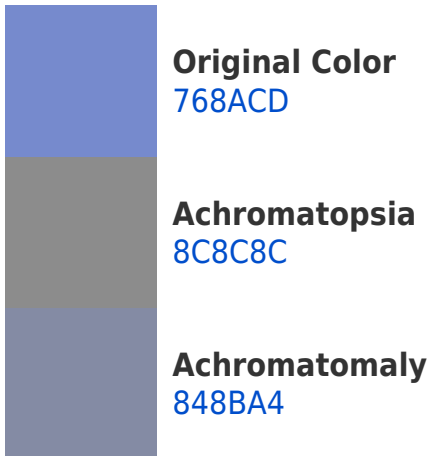


Tritanopia
6A939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 768ACD 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 #768ACD looks like.

```
.text, #text, p{  
    color:#768ACD  
}
```

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 #768ACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768ACD
}
```

Border

The CSS property to change the border of an element to Hex 768ACD 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
#768ACD }
```

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

```
.border{ border-color:#768ACD }
```

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

Here you see how a box with a 4 pixel #768ACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768ACD; -webkit-box-shadow:4px 4px  
4px 4px #768ACD; box-shadow:4px 4px 4px  
4px #768ACD }
```

Background

The CSS property to change the background color of an element to Hex 768ACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768ACD }
```

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

```
.background{ background-color:#768ACD }
```

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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