

Converting Colors

Hex(6C9EC8)

Have a look what the booklet for
Hex(6C9EC8) contains.

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Color

Hex(6C9EC8)

Conversions

Conversions Part 1

Format	Color
Hex	6C9EC8
RGB	108, 158, 200
RGB Percent	42%, 62%, 78%
CMY	0.5765, 0.3804, 0.2157
CMYK	0.46, 0.21, 0.00, 0.22
HSL	207°, 46%, 60%
HSV	207°, 46%, 78%
XYZ	28.8365, 31.8120, 59.2641
YIQ	147.8380, -43.2820, 2.4620

Conversions

Conversions Part 2

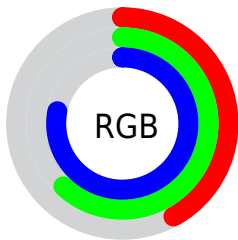
Format	Color
R _Y B	108, 140, 200
Decimal	7118536
CIE Lab	63.19, -5.35, -26.77
CIE LCh	63, 27.295, 258.695
Yxy	31.8120, 0.2405, 0.2653
Android (android.graphics.Color)	4285308616 (0xFF6C9EC8)
YUV	147.8380, 25.7159, -34.9379
Hunter-Lab	56.4021, -7.4426, -22.8170

Details

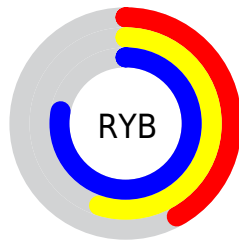
The Hex color **6C9EC8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C8966C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A3D5FF**, and **346B92** is the 20% darker color. If you saturate the color by 10%, you get **5895C8**, and if you desaturate by 10%, it is **80A7C8**.

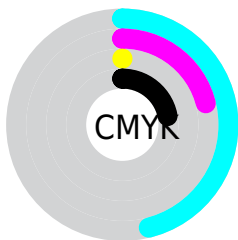
Distribution



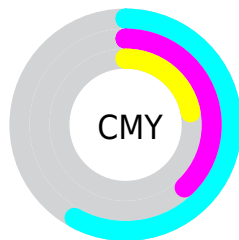
- Red (42%)
- Green (62%)
- Blue (78%)



- Red (42%)
- Yellow (55%)
- Blue (78%)



- Cyan (46%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C9EC8 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 6C9EC8 by changing the saturation by 10% instead.



6C9EC8



6C9EC8

FFFFFF



5184AD



A3D5FF



346B92



C0F1FF



125378



DDFFFF



003C5F



FAFFFF



002647



001231



00011B



000000



6C9EC8



6C9EC8

■ 5895C8

■ 80A7C8

■ 448CC8

■ 94B0C8

■ 3083C8

■ A8B9C8

■ 1C79C8

■ BCC3C8

■ 0870C8

■ D0CCC8

■ 006DC8

■ E4D5C8

■ F8DEC8

■ FFE7C8

■ FFF0C8

Harmonies

Analogous

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



50A4BD



6C9EC8



9096C7

Triad

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



6C9EC8



CA878B



7FA278

Complementary

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



6C9EC8



C8966C

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.



9A9C6B



6C9EC8



C38C75

Square

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



6C9EC8



C388A3



B2946A



63A68F

Rectangle

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



6C9EC8



A590BF



B2946A



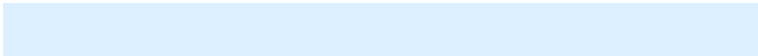
88A172

Sweetspot

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



6C9EC8



DBEFFF



6CC895



6A7680



000000



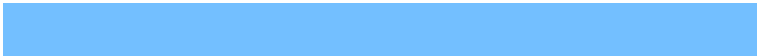
808080

Same Dimension

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



6C9EC8



73BFFF



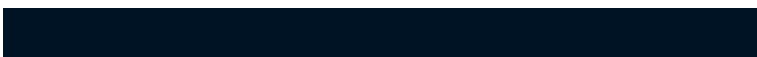
6C71C8



5A5F63



0059A3



001324

Inverse Universe

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



C86C9E



FF73BF



C8C36C



635A5F



A30059



240013

Previews

White Background



This preview shows how the Hex color 6C9EC8 looks on a white background.

Color Contrast Check

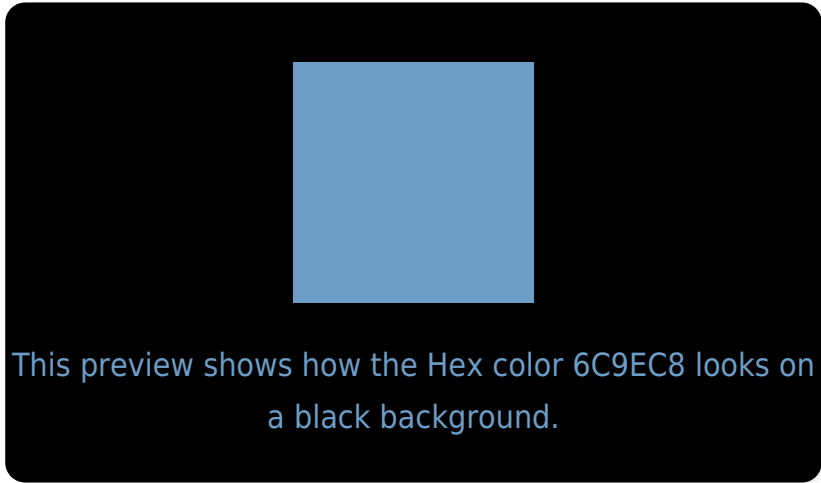
Large Text (above 18pt) WCAG AA × Fail

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

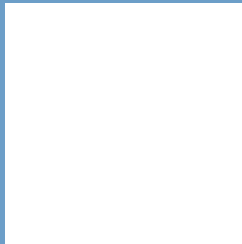
Any Text WCAG AAA ✓ Pass

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

Hex 6C9EC8 Background



This preview shows how black text looks on a background with the Hex color 6C9EC8.

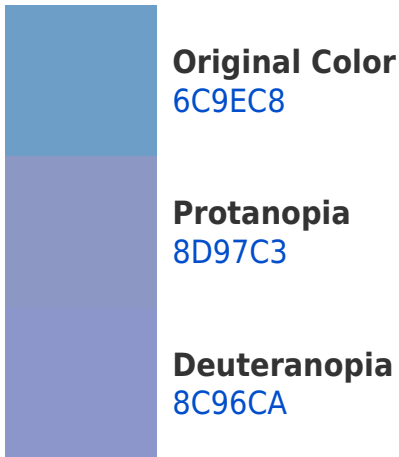


This preview shows how white text looks on a background with the Hex color 6C9EC8.

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](#).

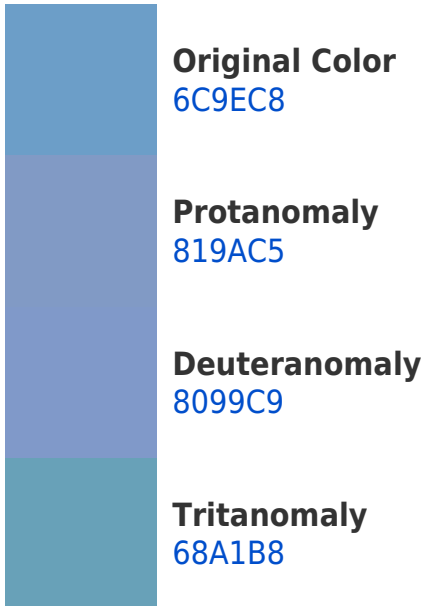
Dichromacy



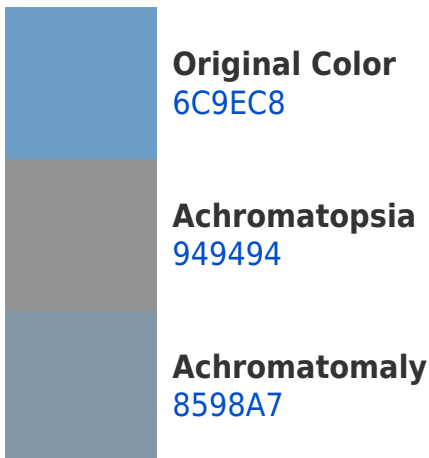


Tritanopia
65A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C9EC8 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 #6C9EC8 looks like.

```
.text, #text, p{  
    color:#6C9EC8  
}
```

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 #6C9EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9EC8  
}
```

Border

The CSS property to change the border of an element to Hex 6C9EC8 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  
#6C9EC8 }
```

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

```
.border{ border-color:#6C9EC8 }
```

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

Here you see how a box with a 4 pixel #6C9EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9EC8; -webkit-box-shadow:4px 4px  
4px 4px #6C9EC8; box-shadow:4px 4px 4px  
4px #6C9EC8 }
```

Background

The CSS property to change the background color of an element to Hex 6C9EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9EC8 }
```

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

```
.background{ background-color:#6C9EC8 }
```

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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