

Converting Colors

Hex(6998E9)

Have a look what the booklet for
Hex(6998E9) contains.

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Color

Hex(6998E9)

Conversions

Conversions Part 1

Format	Color
Hex	6998E9
RGB	105, 152, 233
RGB Percent	41%, 60%, 91%
CMY	0.5882, 0.4039, 0.0863
CMYK	0.55, 0.35, 0.00, 0.09
HSL	218°, 74%, 66%
HSV	218°, 55%, 91%
XYZ	31.7619, 31.3429, 81.4666
YIQ	147.1810, -54.0130, 15.2270

Conversions

Conversions Part 2

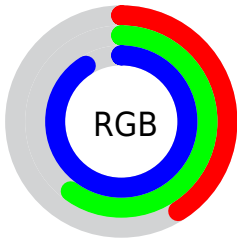
Format	Color
R _Y B	105, 139, 233
Decimal	6920425
CIE Lab	62.80, 7.33, -45.71
CIE LCh	63, 46.296, 279.113
Yxy	31.3429, 0.2197, 0.2168
Android (android.graphics.Color)	4285110505 (0xFF6998E9)
YUV	147.1810, 42.3088, -36.9927
Hunter-Lab	55.9848, 3.2954, -47.0869

Details

The Hex color **6998E9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E9BA69**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A4CEFF**, and **2866B1** is the 20% darker color. If you saturate the color by 10%, you get **5289E9**, and if you desaturate by 10%, it is **80A7E9**.

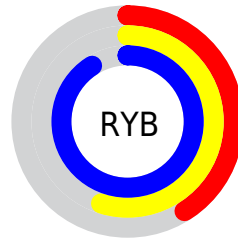
Distribution



Red (41%)

Green (60%)

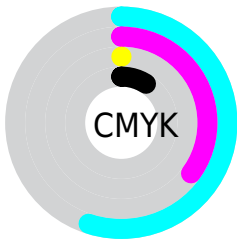
Blue (91%)



Red (41%)

Yellow (55%)

Blue (91%)

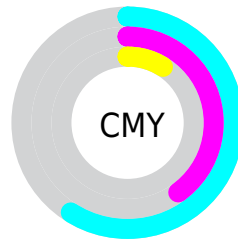


Cyan (55%)

Magenta (35%)

Yellow (0%)

Black (9%)



Cyan (59%)

Magenta (40%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6998E9 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 6998E9 by changing the saturation by 10% instead.

 6998E9

 6998E9

FFFFFF

 4B7ECD

 A4CEFF

 2866B1

 C1EAFF

 004E96

 DFFFFF

 00387C

FDFFFF

 002362

 000D4A

 000432

 00021D

 000000

■ 6998E9

■ 6998E9

■ 5289E9

■ 80A7E9

■ 3A7BE9

■ 98B5E9

■ 236CE9

■ AFC4E9

■ 0C5DE9

■ C6D3E9

■ 0056E9

■ DEE2E9

■ F5F0E9

■ FFFFE9

Harmonies

Analogous

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



00A4E4



6998E9



AC88D8

Triad

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



6998E9



DF7D66



3BAB79

Complementary

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



6998E9



E9BA69

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.



78A456



6998E9



C88B4B

Square

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



6998E9



E5758D



A49A44



00ADA4

Rectangle

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



6998E9



CA7EC3



A49A44



53A96C

Sweetspot

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



6998E9



D6E5FF



69E9B8



677080



000000



808080

Same Dimension

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



6998E9



5794FF



7869E9



6A6E75



0042B5



001436

Inverse Universe

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



E96998



FF5794



DAE969



756A6E



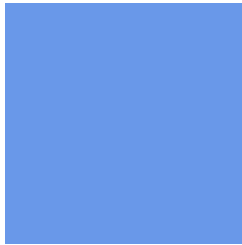
B50042



360014

Previews

White Background



This preview shows how the Hex color 6998E9 looks on a white background.

Color Contrast Check

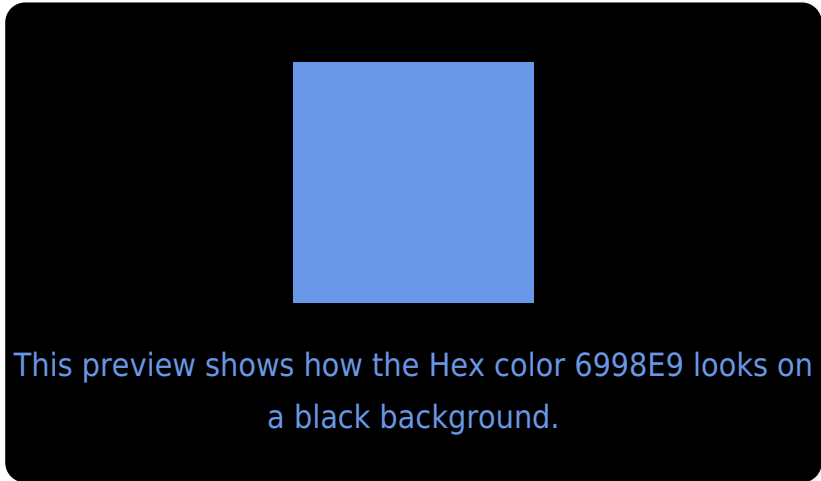
Large Text (above 18pt) WCAG AA × Fail

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

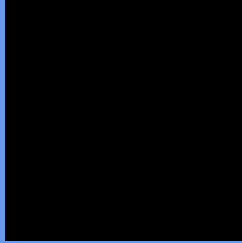
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

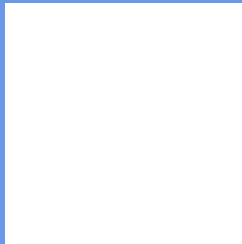
Any Text WCAG AAA ✓ Pass

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

Hex 6998E9 Background



This preview shows how black text looks on a background with the Hex color 6998E9.



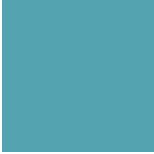
This preview shows how white text looks on a background with the Hex color 6998E9.

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](#).

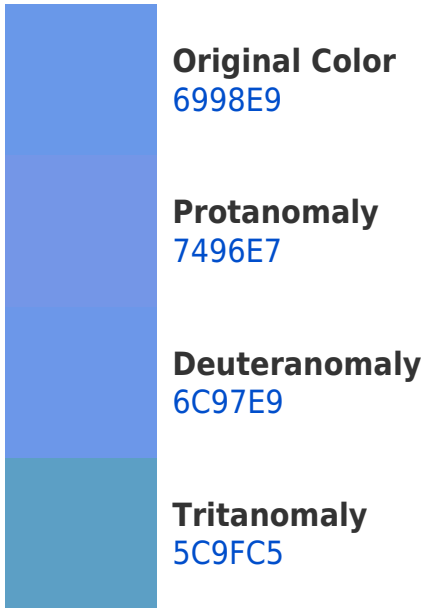
Dichromacy



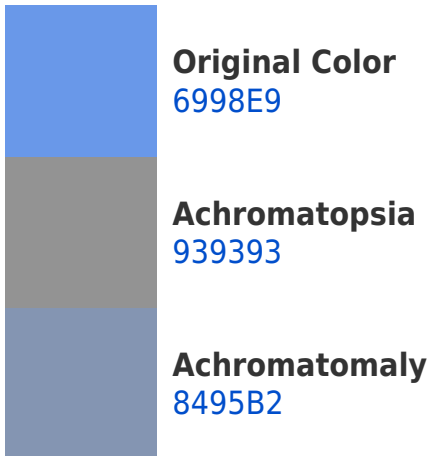


Tritanopia
54A3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6998E9 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 #6998E9 looks like.

```
.text, #text, p{  
    color:#6998E9  
}
```

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 #6998E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6998E9
}
```

Border

The CSS property to change the border of an element to Hex 6998E9 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
#6998E9 }
```

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

```
.border{ border-color:#6998E9 }
```

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

Here you see how a box with a 4 pixel #6998E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6998E9; -webkit-box-shadow:4px 4px  
4px 4px #6998E9; box-shadow:4px 4px 4px  
4px #6998E9 }
```

Background

The CSS property to change the background color of an element to Hex 6998E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6998E9 }
```

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

```
.background{ background-color:#6998E9 }
```

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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