

# Converting Colors

Hex(6988E8)

Have a look what the booklet for  
Hex(6988E8) contains.

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# **Color**

**Hex(6988E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6988E8
RGB	105, 136, 232
RGB Percent	41%, 53%, 91%
CMY	0.5882, 0.4667, 0.0902
CMYK	0.55, 0.41, 0.00, 0.09
HSL	225°, 73%, 66%
HSV	225°, 55%, 91%
XYZ	29.1953, 26.4378, 79.9082
YIQ	137.6750, -49.2920, 23.2840

# Conversions

## Conversions Part 2

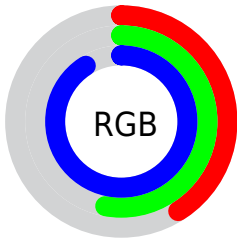
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 130, 232</a>
Decimal	<a href="#">6916328</a>
CIELab	<a href="#">58.45, 16.45, -52.04</a>
CIELCh	<a href="#">58, 54.579, 287.547</a>
Yxy	<a href="#">26.4378, 0.2154, 0.1951</a>
Android (android.graphics.Color)	<a href="#">4285106408 (0xFF6988E8)</a>
YUV	<a href="#">137.6750, 46.5022, -28.6560</a>
Hunter-Lab	<a href="#">51.4177, 11.3727, -56.1502</a>

# Details

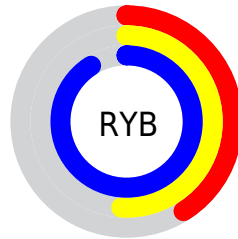
The Hex color **6988E8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E8C969**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A4BDFF**, and **2757B0** is the 20% darker color. If you saturate the color by 10%, you get **5276E8**, and if you desaturate by 10%, it is **809AE8**.

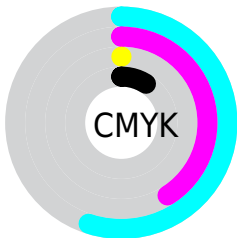
# Distribution



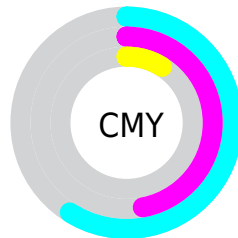
- Red (41%)
- Green (53%)
- Blue (91%)



- Red (41%)
- Yellow (51%)
- Blue (91%)



- Cyan (55%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (47%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6988E8 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 6988E8 by changing the saturation by 10% instead.



■ 6988E8

■ 6988E8

FFFFFF

■ 4A6FCC

■ A4BDFF

■ 2757B0

■ C1D9FF

■ 004095

■ DFF5FF

■ 002B7A

FDFFFF

■ 001861

■ 000148

■ 000431

■ 00011B

■ 000000

■ 6988E8

■ 6988E8

■ 5276E8

■ 809AE8

■ 3B65E8

■ 97ABE8

■ 2353E8

■ AFBDE8

■ 0C42E8

■ C6CEE8

■ 0039E8

■ DDE0E8

■ F4F1E8

■ FFFF E8

# Harmonies

## Analogous

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



0098EA



6988E8



B374CE

# Triad

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



6988E8



D67047



00A276

# Complementary

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



6988E8



E8C969

# 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.



539D49



6988E8



B78329

# Square

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



6988E8



E46272



8B9329



00A4A8

# Rectangle

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



6988E8



D068B2



8B9329



00A166



# Sweetspot

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



6988E8



D6E0FF



69E8C8



676D80



000000



808080



# Same Dimension

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



6988E8



5780FF



8969E8



676A73



002CB3



000C33



# Inverse Universe

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



E86988



FF5780



C8E869



73676A



B3002C

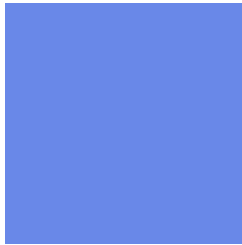


33000C



# Previews

## White Background



This preview shows how the Hex color 6988E8 looks on a white background.

## Color Contrast Check

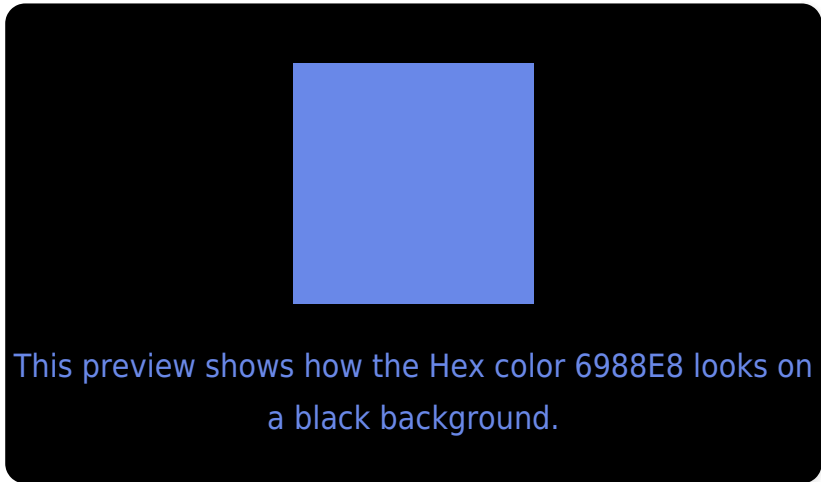
Large Text (above 18pt) WCAG AA ✓ Pass

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

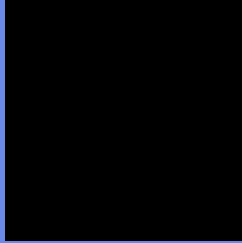
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6988E8 Background



This preview shows how black text looks on a background with the Hex color 6988E8.

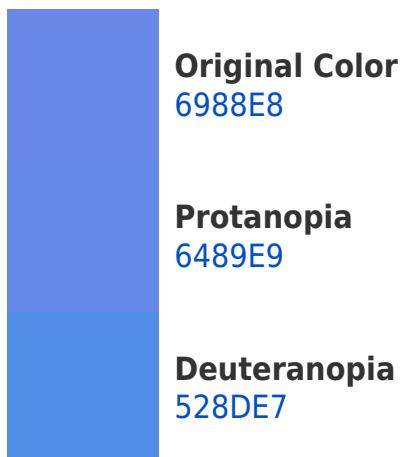


This preview shows how white text looks on a background with the Hex color 6988E8.

# 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



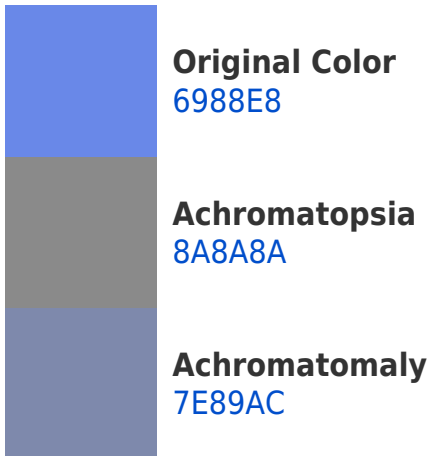


**Tritanopia**  
5097A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6988E8 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 #6988E8 looks like.

```
.text, #text, p{  
    color:#6988E8  
}
```

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 #6988E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6988E8
}
```

## Border

The CSS property to change the border of an element to Hex 6988E8 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
#6988E8 }
```

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

```
.border{ border-color:#6988E8 }
```

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

Here you see how a box with a 4 pixel #6988E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6988E8; -webkit-box-shadow:4px 4px  
4px 4px #6988E8; box-shadow:4px 4px 4px  
4px #6988E8 }
```

# Background

The CSS property to change the background color of an element to Hex 6988E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6988E8 }
```

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

```
.background{ background-color:#6988E8 }
```

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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