

# Converting Colors

Hex(67BAE9)

Have a look what the booklet for  
Hex(67BAE9) contains.

<b>Hex(67BAE9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(67BAE9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67BAE9
RGB	103, 186, 233
RGB Percent	40%, 73%, 91%
CMY	0.5961, 0.2706, 0.0863
CMYK	0.56, 0.20, 0.00, 0.09
HSL	202°, 75%, 66%
HSV	202°, 56%, 91%
XYZ	37.8604, 43.8846, 83.5659
YIQ	166.5410, -64.5550, -2.9790

# Conversions

## Conversions Part 2

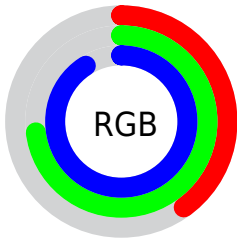
Format	Color
<a href="#">RYB</a>	<a href="#">103, 154, 233</a>
Decimal	<a href="#">6798057</a>
CIELab	<a href="#">72.15, -12.07, -31.13</a>
CIElCh	<a href="#">72, 33.387, 248.804</a>
Yxy	<a href="#">43.8846, 0.2290, 0.2655</a>
Android (android.graphics.Color)	<a href="#">4284988137 (0xFF67BAE9)</a>
YUV	<a href="#">166.5410, 32.7643, -55.7255</a>
Hunter-Lab	<a href="#">66.2454, -13.9137, -28.4201</a>

# Details

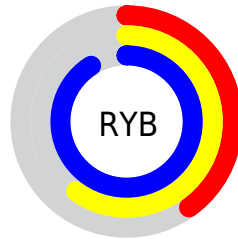
The Hex color **67BAE9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E99667**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A2F2FF**, and **2285B1** is the 20% darker color. If you saturate the color by 10%, you get **50B2E9**, and if you desaturate by 10%, it is **7EC2E9**.

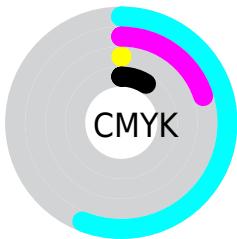
# Distribution



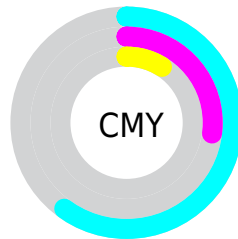
- Red (40%)
- Green (73%)
- Blue (91%)



- Red (40%)
- Yellow (60%)
- Blue (91%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (27%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67BAE9 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 67BAE9 by changing the saturation by 10% instead.



 67BAE9

 67BAE9

FFFFFF

 489FCD

 A2F2FF

 2285B1

 C0FFFF

 006C96

 DEFFFF

 00537C


 FCFFFF

 003C63

 00274B

 001234

 00021E

 000001

67BAE9

67BAE9

50B2E9

7EC2E9

38A9E9

96CBE9

21A1E9

ADD3E9

0A98E9

C4DCE9

0095E9

DCE4E9

F3EDE9

FFF5E9

FFFDE9

FFFFE9

# Harmonies

## Analogous

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



49C0D6



67BAE9



96B1ED

# Triad

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



67BAE9



ED9AA9



9CBA80

# Complementary

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



67BAE9



E99667

# 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.



BDB274



67BAE9



EA9E8C

# Square

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



67BAE9



DF9DC8



D8A879



77C09A

# Rectangle

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



67BAE9



B3A9E6



D8A879



A7B87B

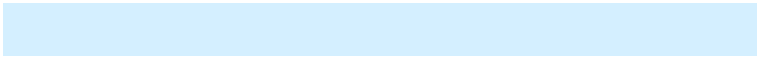


# Sweetspot

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



67BAE9



D4EFFF



67E995



667680



000000



808080



# Same Dimension

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



67BAE9



54C1FF



677AE9



6A7175



0074B5



002236



# Inverse Universe

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



E967BA



FF54C1



E9D567



756A71



B50074

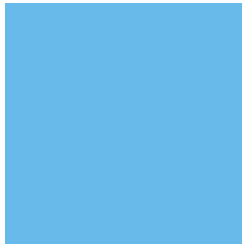


360022



# Previews

## White Background



This preview shows how the Hex color 67BAE9 looks on a white background.

## Color Contrast Check

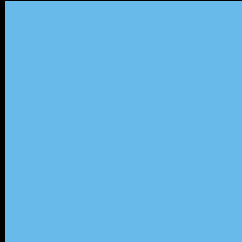
Large Text (above 18pt) WCAG AA × Fail

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 67BAE9 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

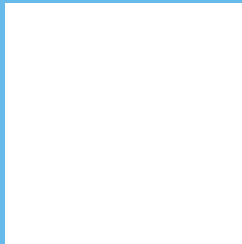
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67BAE9 Background



This preview shows how black text looks on a background with the Hex color 67BAE9.

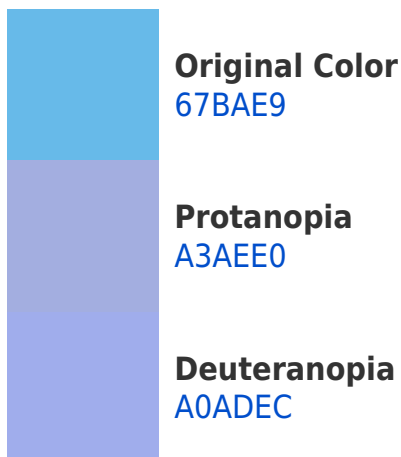


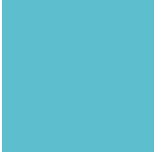
This preview shows how white text looks on a background with the Hex color 67BAE9.

# Color Blindness Simulation

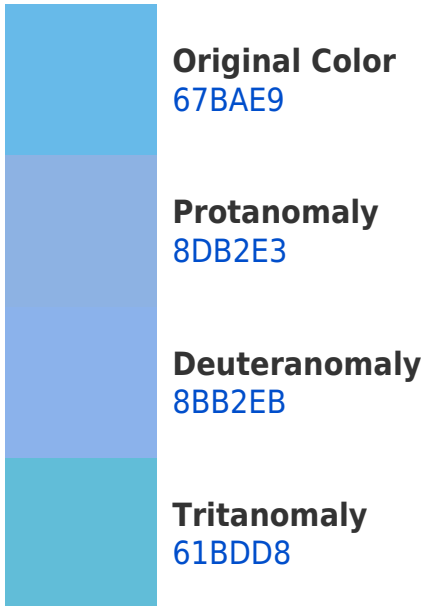
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

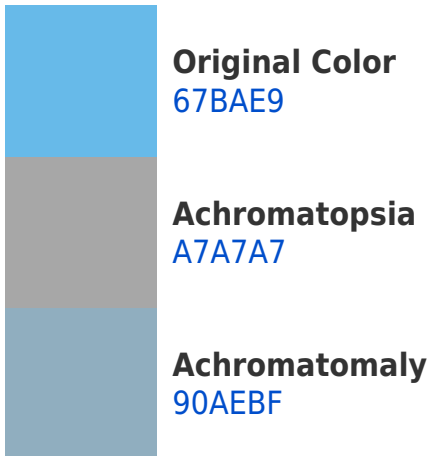




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67BAE9 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 #67BAE9 looks like.

```
.text, #text, p{  
  color:#67BAE9  
}
```

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 #67BAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BAE9
}
```

## Border

The CSS property to change the border of an element to Hex 67BAE9 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
#67BAE9 }
```

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

```
.border{ border-color:#67BAE9 }
```

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

Here you see how a box with a 4 pixel #67BAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BAE9; -webkit-box-shadow:4px 4px  
4px 4px #67BAE9; box-shadow:4px 4px 4px  
4px #67BAE9 }
```

# Background

The CSS property to change the background color of an element to Hex 67BAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BAE9 }
```

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

```
.background{ background-color:#67BAE9 }
```

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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