

Converting Colors

Hex(77BBE9)

Have a look what the booklet for
Hex(77BBE9) contains.

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Color

Hex(77BBE9)

Conversions

Conversions Part 1

Format	Color
Hex	77BBE9
RGB	119, 187, 233
RGB Percent	47%, 73%, 91%
CMY	0.5333, 0.2667, 0.0863
CMYK	0.49, 0.20, 0.00, 0.09
HSL	204°, 72%, 69%
HSV	204°, 49%, 91%
XYZ	40.0861, 45.3458, 83.7306
YIQ	171.9120, -55.2940, -0.1100

Conversions

Conversions Part 2

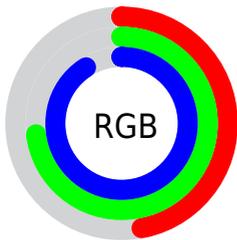
Format	Color
R _Y B	119, 162, 233
Decimal	7846889
CIE Lab	73.12, -9.17, -29.58
CIE LCh	73, 30.969, 252.775
Yxy	45.3458, 0.2370, 0.2681
Android (android.graphics.Color)	4286036969 (0xFF77BBE9)
YUV	171.9120, 30.1164, -46.4038
Hunter-Lab	67.3393, -11.5854, -26.5846

Details

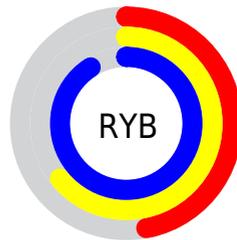
The Hex color **77BBE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9A577**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B1F3FF**, and **3C86B1** is the 20% darker color. If you saturate the color by 10%, you get **60B2E9**, and if you desaturate by 10%, it is **8EC4E9**.

Distribution



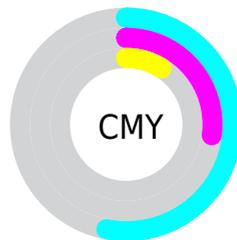
- Red (47%)
- Green (73%)
- Blue (91%)



- Red (47%)
- Yellow (64%)
- Blue (91%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77BBE9 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 77BBE9 by changing the saturation by 10% instead.

■ 77BBE9

FFFFFF

■ B1F3FF

■ CEFFFF

■ EBFFFF

■ 77BBE9

■ 5AA0CD

■ 3C86B1

■ 156D96

■ 00547C

■ 003D63

■ 00284B

■ 001434

■ 00021F

■ 000001

 77BBE9

 77BBE9

 60B2E9

 8EC4E9

 48A8E9

 A6CEE9

 319FE9

 BDD7E9

 1A95E9

 D4E1E9

 038CE9

 ECEAE9

 008BE9

 FFF3E9

 FFFDE9

 FFFF E9

Harmonies

Analogous

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



5BC1D9



77BBE9



A0B2EB

Triad

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



77BBE9



EC9FA8



9CBD89

Complementary

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



77BBE9



E9A577

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.



BBB67C



77BBE9



E8A38E

Square

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



77BBE9



E1A0C5



D6AC7E



7BC2A2

Rectangle

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



77BBE9



BBABE3



D6AC7E



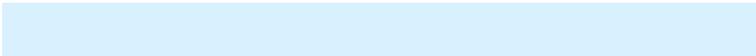
A6BB83

Sweetspot

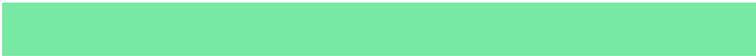
The Sweet Spot groups the original color and five complimentary colors.



77BBE9



D9F0FF



77E9A5



697680



000000



808080

Same Dimension

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



77BBE9



69C2FF



7782E9



6A7175



006CB5



002036

Inverse Universe

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



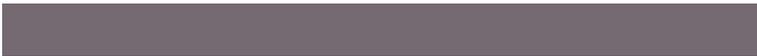
E977BB



FF69C2



E9DE77



756A71



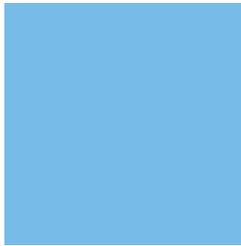
B5006C



360020

Previews

White Background



This preview shows how the Hex color 77BBE9 looks on a white background.

Color Contrast Check

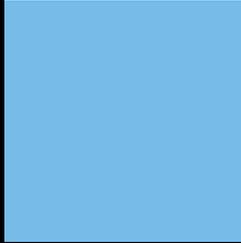
Large Text (above 18pt) WCAG AA × Fail

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 77BBE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

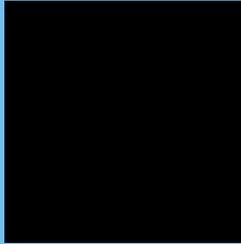
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

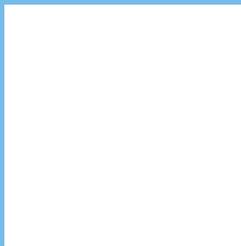
Any Text WCAG AAA ✓ Pass

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

Hex 77BBE9 Background



This preview shows how black text looks on a background with the Hex color 77BBE9.



This preview shows how white text looks on a background with the Hex color 77BBE9.

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](#).

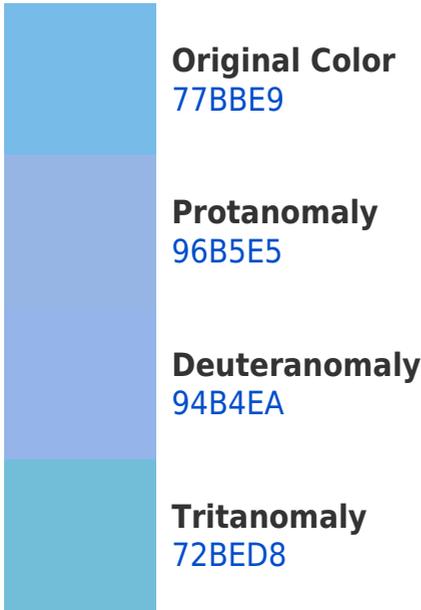
Dichromacy





Tritanopia
6FC0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77BBE9 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 #77BBE9 looks like.

```
.text, #text, p{  
    color:#77BBE9  
}
```

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 #77BBE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BBE9
}
```

Border

The CSS property to change the border of an element to Hex 77BBE9 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
#77BBE9 }
```

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

```
.border{ border-color:#77BBE9 }
```

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

Here you see how a box with a 4 pixel #77BBE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BBE9; -webkit-box-shadow:4px 4px  
4px 4px #77BBE9; box-shadow:4px 4px 4px  
4px #77BBE9 }
```

Background

The CSS property to change the background color of an element to Hex 77BBE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BBE9 }
```

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

```
.background{ background-color:#77BBE9 }
```

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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