

Converting Colors

Hex(7BBBF6)

Have a look what the booklet for
Hex(7BBBF6) contains.

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Color

Hex(7BBBF6)

Conversions

Conversions Part 1

Format	Color
Hex	7BBBF6
RGB	123, 187, 246
RGB Percent	48%, 73%, 96%
CMY	0.5176, 0.2667, 0.0353
CMYK	0.50, 0.24, 0.00, 0.04
HSL	209°, 87%, 72%
HSV	209°, 50%, 96%
XYZ	42.5733, 46.4054, 93.9021
YIQ	174.5900, -57.0830, 4.7810

Conversions

Conversions Part 2

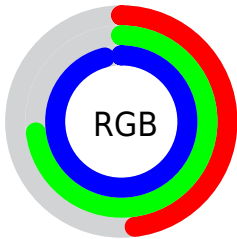
Format	Color
R _Y B	123, 165, 246
Decimal	8109046
CIE Lab	73.81, -4.54, -35.53
CIE LCh	74, 35.819, 262.719
Yxy	46.4054, 0.2328, 0.2537
Android (android.graphics.Color)	4286299126 (0xFF7BBBF6)
YUV	174.5900, 35.2051, -45.2444
Hunter-Lab	68.1215, -7.6572, -34.0432

Details

The Hex color **7BBBF6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6B67B**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B5F3FF**, and **3F86BD** is the 20% darker color. If you saturate the color by 10%, you get **62AFF6**, and if you desaturate by 10%, it is **94C7F6**.

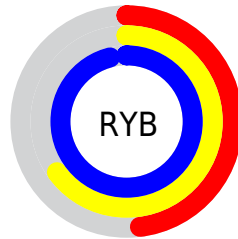
Distribution



Red (48%)

Green (73%)

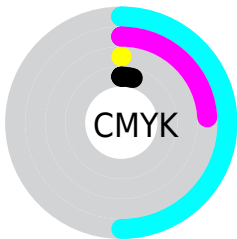
Blue (96%)



Red (48%)

Yellow (65%)

Blue (96%)

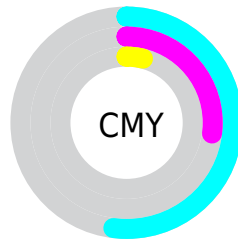


Cyan (50%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BBBF6 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 7BBBF6 by changing the saturation by 10% instead.

 7BBBF6

 7BBBF6

FFFFFF

 5EA0D9

 B5F3FF

 3F86BD

 D3FFF

 176DA2

 F0FFF

 005588

 003E6E

 002855

 00143E

 000327

 000111

 7BBBF6


 7BBBF6

 62AFF6

 94C7F6

 4AA3F6

 ACD3F6

 3198F6

 C5DEF6

 198CF6

 DDEAF6

 0080F6

 F6F6F6

 FFFFF6

Harmonies

Analogous

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



4BC3E9



7BBBF6



AEB0F2

Triad

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



7BBBF6



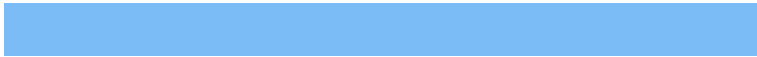
F69E9E



8CC38D

Complementary

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



7BBBF6



F6B67B

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.



B2BB78



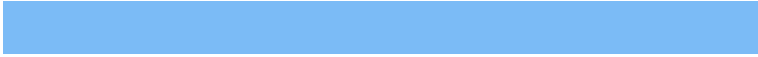
7BBBF6



EBA582

Square

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



7BBBF6



F09DBF



D3B174



64C7AC

Rectangle

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



7BBBF6



CBA8E6



D3B174



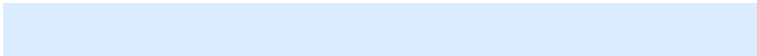
99C184

Sweetspot

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



7BBBF6



D9EDFF



7BF6B4



697480



000000



808080

Same Dimension

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



7BBBF6



66B6FF



7B7FF6



6E757A



0061BA



001F3B

Inverse Universe

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



F67BBB



FF66B6



F6F27B



7A6E75



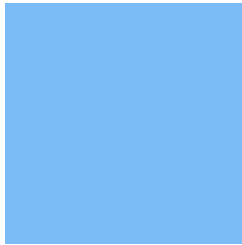
BA0061



3B001F

Previews

White Background



This preview shows how the Hex color 7BBBF6 looks on a white background.

Color Contrast Check

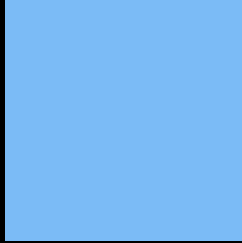
Large Text (above 18pt) WCAG AA × Fail

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 7BBBF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

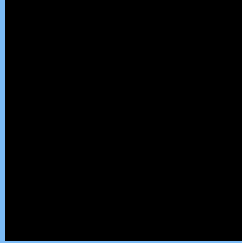
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

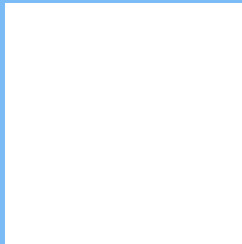
Any Text WCAG AAA ✓ Pass

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

Hex 7BBBF6 Background



This preview shows how black text looks on a background with the Hex color 7BBBF6.



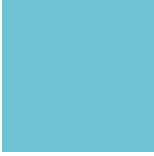
This preview shows how white text looks on a background with the Hex color 7BBBF6.

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](#).

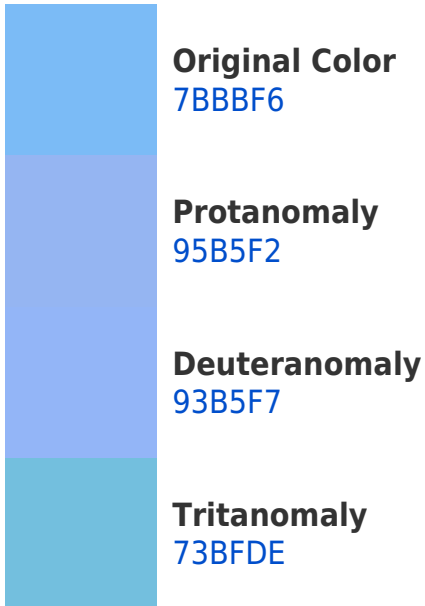
Dichromacy



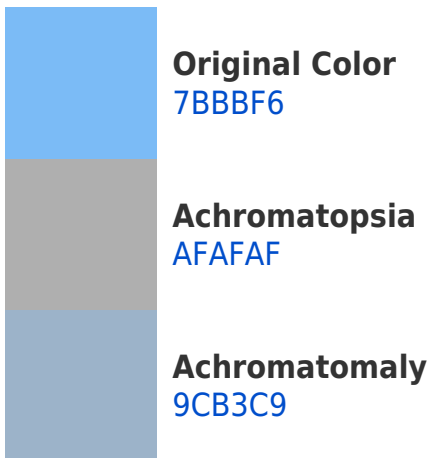


Tritanopia
6FC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BBBF6 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 #7BBBF6 looks like.

```
.text, #text, p{  
    color:#7BBBF6  
}
```

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 #7BBBF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BBBF6  
}
```

Border

The CSS property to change the border of an element to Hex 7BBBF6 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  
#7BBBF6 }
```

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

```
.border{ border-color:#7BBBF6 }
```

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

Here you see how a box with a 4 pixel #7BBBF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BBBF6; -webkit-box-shadow:4px 4px  
4px 4px #7BBBF6; box-shadow:4px 4px 4px  
4px #7BBBF6 }
```

Background

The CSS property to change the background color of an element to Hex 7BBBF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BBBF6 }
```

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

```
.background{ background-color:#7BBBF6 }
```

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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