

Converting Colors

Hex(3CAFC7)

Have a look what the booklet for
Hex(3CAFC7) contains.

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Color

Hex(3CAFC7)

Conversions

Conversions Part 1

Format	Color
Hex	3CAFC7
RGB	60, 175, 199
RGB Percent	24%, 69%, 78%
CMY	0.7647, 0.3137, 0.2196
CMYK	0.70, 0.12, 0.00, 0.22
HSL	190°, 55%, 51%
HSV	190°, 70%, 78%
XYZ	27.5023, 35.7441, 59.4826
YIQ	143.3510, -76.2440, -16.9160

Conversions

Conversions Part 2

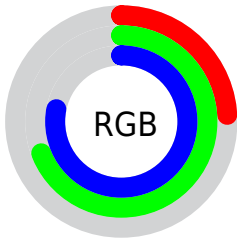
Format	Color
R _{YB}	60, 123, 199
Decimal	3977159
CIE _{Lab}	66.32, -24.14, -21.56
CIE _{LCh}	66, 32.361, 221.772
Y _{xy}	35.7441, 0.2241, 0.2912
Android (android.graphics.Color)	4282167239 (0xFF3CAFC7)
YUV	143.3510, 27.4350, -73.0988
Hunter-Lab	59.7864, -22.5146, -17.1383

Details

The Hex color **3CAFC7** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C7543C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7DE7FF**, and **007A91** is the 20% darker color. If you saturate the color by 10%, you get **28ACC7**, and if you desaturate by 10%, it is **50B2C7**.

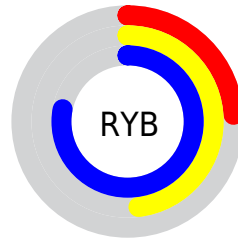
Distribution



Red (24%)

Green (69%)

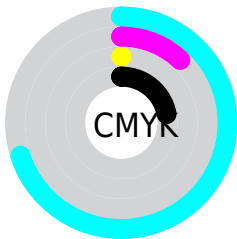
Blue (78%)



Red (24%)

Yellow (48%)

Blue (78%)

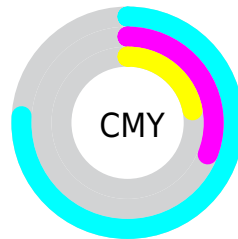


Cyan (70%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (76%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CAFC7 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 3CAFC7 by changing the saturation by 10% instead.

 3CAFC7

 3CAFC7

FFFFFF

 0494AC

 7DE7FF

 007A91

 9BFFFF

 006177

 B9FFFF

 00495F

 D7FFFF

 003247

 F5FFFF

 001F30

 00011C

 000000

 3CAFC7

 3CAFC7

■ 28ACC7

■ 50B2C7

■ 14A8C7

■ 64B6C7

■ 00A5C7

■ 78B9C7

■ 8CBDC7

■ A0C0C7

■ B3C4C7

■ C7C7C7

■ DBCAC7

■ EFCEC7

Harmonies

Analogous

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



45B1AC



3CAFC7



5DA9D8

Triad

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



3CAFC7



CF8DB4



AAA368

Complementary

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



3CAFC7



C7543C

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.



C4996A



3CAFC7



DB8B97

Square

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



3CAFC7



B496CD



D6907C



89AB75

Rectangle

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



3CAFC7



7CA3DB



D6907C



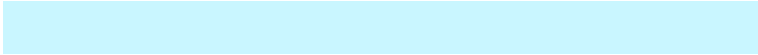
B3A067

Sweetspot

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



3CAFC7



C9F6FF



3CC753



607A80



000000



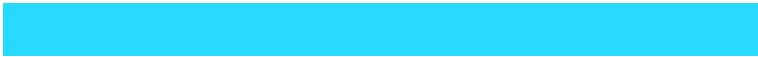
808080

Same Dimension

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



3CAFC7



29DAFF



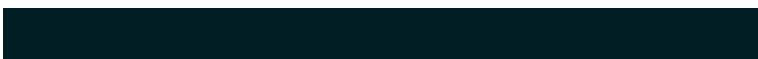
3C6AC7



5A6263



0087A3



001E24

Inverse Universe

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



C73CAF



FF29DA



C7993C



635A62



A30087



24001E

Previews

White Background



This preview shows how the Hex color 3CAFC7 looks on a white background.

Color Contrast Check

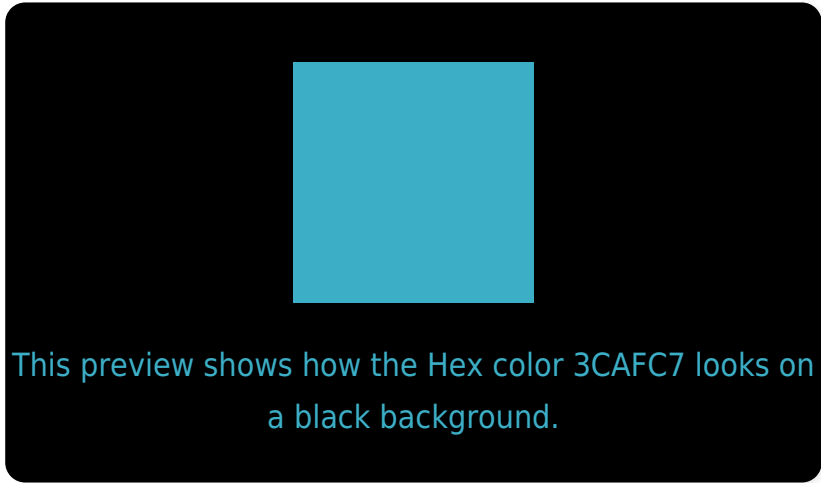
Large Text (above 18pt) WCAG AA × Fail

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 3CAFC7 Background



This preview shows how black text looks on a background with the Hex color 3CAFC7.



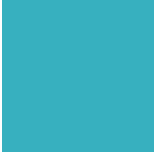
This preview shows how white text looks on a background with the Hex color 3CAFC7.

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](#).

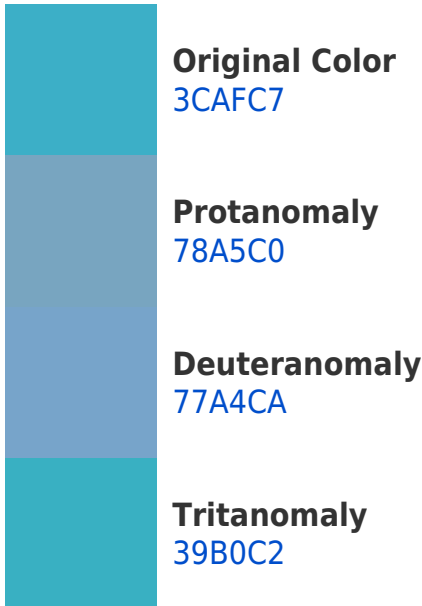
Dichromacy



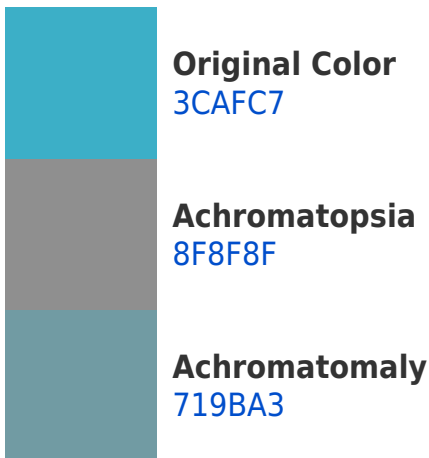


Tritanopia
37B0BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CAFC7 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 #3CAFC7 looks like.

```
.text, #text, p{  
    color:#3CAFC7  
}
```

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 #3CAFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAFC7
}
```

Border

The CSS property to change the border of an element to Hex 3CAFC7 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
#3CAFC7 }
```

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

```
.border{ border-color:#3CAFC7 }
```

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

Here you see how a box with a 4 pixel #3CAFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAFC7; -webkit-box-shadow:4px 4px  
4px 4px #3CAFC7; box-shadow:4px 4px 4px  
4px #3CAFC7 }
```

Background

The CSS property to change the background color of an element to Hex 3CAFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAFC7 }
```

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

```
.background{ background-color:#3CAFC7 }
```

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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