

Converting Colors

Hex(3D8BE7)

Have a look what the booklet for
Hex(3D8BE7) contains.

Hex(3D8BE7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D8BE7)

Conversions

Conversions Part 1	
Format	Color
Hex	3D8BE7
RGB	61, 139, 231
RGB Percent	24%, 55%, 91%
CMY	0.7608, 0.4549, 0.0941
CMYK	0.74, 0.40, 0.00, 0.09
HSL	212°, 78%, 57%
HSV	212°, 74%, 91%
XYZ	25.5809, 25.2269, 79.1223
YIQ	126.1660, -76.0200, 12.0760

Conversions

Conversions Part 2

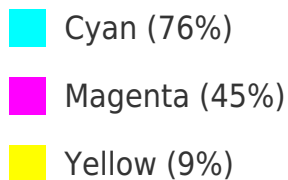
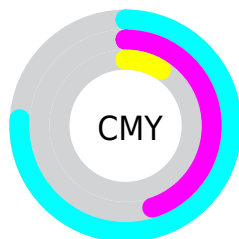
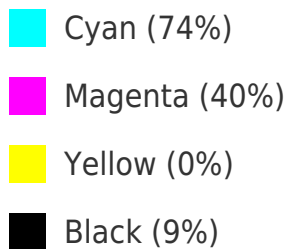
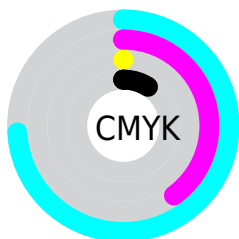
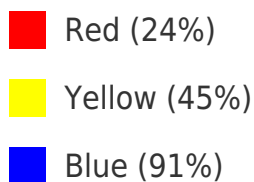
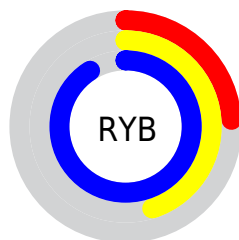
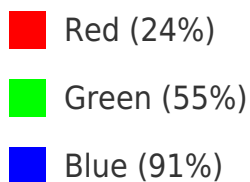
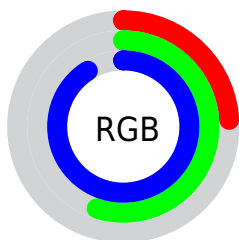
Format	Color
RYB	61, 114, 231
Decimal	4033511
CIELab	57.30, 6.89, -53.44
CIELCh	57, 53.879, 277.349
Yxy	25.2269, 0.1969, 0.1942
Android (android.graphics.Color)	4282223591 (0xFF3D8BE7)
YUV	126.1660, 51.6832, -57.1506
Hunter-Lab	50.2263, 3.0161, -58.2420

Details

The Hex color **3D8BE7** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E7993D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **81C0FF**, and **005AAF** is the 20% darker color. If you saturate the color by 10%, you get **267EE7**, and if you desaturate by 10%, it is **5498E7**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 3D8BE7 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 3D8BE7 by changing the saturation by 10% instead.

 3D8BE7

 3D8BE7

FFFFFF

 0072CB

 81C0FF

 005AAF

 A0DCFF

 004394

 BEF8FF

 002E79

 DDFFFF

 001B60

 FBFFFF

 000848

 000430

 00011A

 000000

 3D8BE7

 3D8BE7

 267EE7

 5498E7

 0F72E7

 6BA4E7

 006AE7

 82B1E7

 99BDE7

 B1CAE7

 C8D6E7

 DFE3E7

 F6EFE7

 FFFCE7

Harmonies

Analogous

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



0098E0



3D8BE7



9B78D5

Triad

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



3D8BE7



D96853



009E63

Complementary

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



3D8BE7



E7993D

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.



66973A



3D8BE7



BF7A30

Square

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



3D8BE7



DF5E80



988B23



00A094

Rectangle

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



3D8BE7



BF6BBD



988B23



379C54

Sweetspot

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



3D8BE7



C7E1FF



3DE798



5E6E80



000000



808080

Same Dimension

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



3D8BE7



1F86FF



433DE7



676D73



0052B3



001733

Inverse Universe

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



E73D8B



FF1F86



E1E73D



73676D



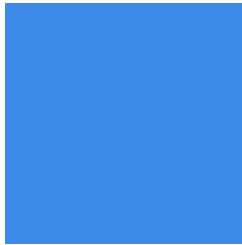
B30052



330017

Previews

White Background



This preview shows how the Hex color 3D8BE7 looks on a white background.

Color Contrast Check

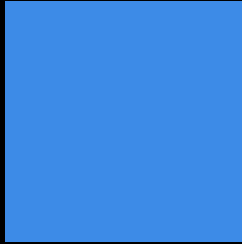
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 3D8BE7 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

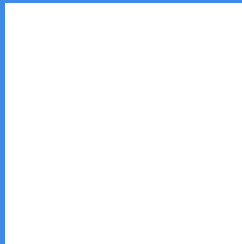
Any Text WCAG AAA × Fail

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

Hex 3D8BE7 Background



This preview shows how black text looks on a background with the Hex color 3D8BE7.



This preview shows how white text looks on a background with the Hex color 3D8BE7.

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](#).

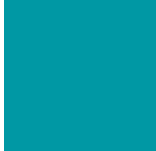
Dichromacy



Original Color
3D8BE7




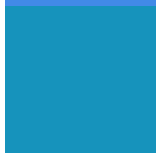
Protanopia
6386E2

Deuteranopia
458AE7



Tritanopia
0098A4

Trichromacy

	Original Color 3D8BE7
	Protanomaly 5588E4
	Deuteranomaly 428AE7
	Tritanomaly 1693BC

Monochromacy

	Original Color 3D8BE7
	Achromatopsia 7E7E7E
	Achromatomaly 6683A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8BE7 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 #3D8BE7 looks like.

```
.text, #text, p{  
    color:#3D8BE7  
}
```

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 #3D8BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8BE7
}
```

Border

The CSS property to change the border of an element to Hex 3D8BE7 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
#3D8BE7 }
```

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

```
.border{ border-color:#3D8BE7 }
```

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

Here you see how a box with a 4 pixel #3D8BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8BE7; -webkit-box-shadow:4px 4px  
4px 4px #3D8BE7; box-shadow:4px 4px 4px  
4px #3D8BE7 }
```

Background

The CSS property to change the background color of an element to Hex 3D8BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8BE7 }
```

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

```
.background{ background-color:#3D8BE7 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor