

Converting Colors

Hex(3DE7B9)

Have a look what the booklet for
Hex(3DE7B9) contains.

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Color

Hex(3DE7B9)

Conversions

Conversions Part 1

Format	Color
Hex	3DE7B9
RGB	61, 231, 185
RGB Percent	24%, 91%, 73%
CMY	0.7608, 0.0941, 0.2745
CMYK	0.74, 0.00, 0.20, 0.09
HSL	164°, 78%, 57%
HSV	164°, 74%, 91%
XYZ	39.2573, 61.6467, 55.7289
YIQ	174.9260, -86.5540, -50.3460

Conversions

Conversions Part 2

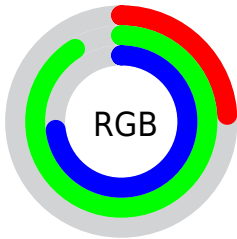
Format	Color
RYB	61, 159, 231
Decimal	4057017
CIELab	82.73, -53.18, 10.23
CIElCh	83, 54.154, 169.107
Yxy	61.6467, 0.2506, 0.3936
Android (android.graphics.Color)	4282247097 (0xFF3DE7B9)
YUV	174.9260, 4.9665, -99.9131
Hunter-Lab	78.5154, -48.1528, 12.8778

Details


The Hex color **3DE7B9** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed spring green. A complement of this color would be **E73D6B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **84FFF1**, and **00AE84** is the 20% darker color. If you saturate the color by 10%, you get **26E7B3**, and if you desaturate by 10%, it is **54E7BF**.

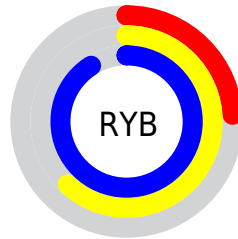
Distribution



 Red (24%)

 Green (91%)

 Blue (73%)




 Red (24%)

 Yellow (62%)

 Blue (91%)

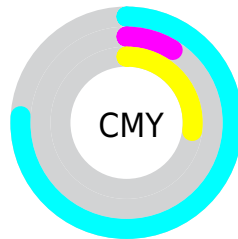


 Cyan (74%)

 Magenta (0%)

 Yellow (20%)

 Black (9%)



 Cyan (76%)

 Magenta (9%)

 Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DE7B9 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 3DE7B9 by changing the saturation by 10% instead.

 3DE7B9

 3DE7B9

FFFFFF

 00CA9E

 84FFF1

 00AE84

 A3FFFF

 00936B

 C2FFFF

 007852

 E1FFFF

 005E3B

 004526

 002F11

 001100

 000000

 3DE7B9

 3DE7B9

 26E7B3

 54E7BF

 0FE7AC

 6BE7C6

 00E7A8

 82E7CC

 99E7D2

 B1E7D8

 C8E7DF

 DFE7E5

 F6E7EB

 FFE7F1

Harmonies

Analogous

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



92E189



3DE7B9



00E8EE

Triad

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



3DE7B9



B5C8FF



FFB283

Complementary

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



3DE7B9



E73D6B

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.



FFA5AF



3DE7B9



FBB4FF

Square

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



3DE7B9



46D9FF



FFA6E3



FDC569

Rectangle

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



3DE7B9



00E6FF



FFA6E3



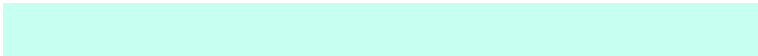
FFAD90

Sweetspot

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



3DE7B9



C7FFF0



6DE73D



5E8077



000000



808080

Same Dimension

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



3DE7B9



1FFFC2



3DC2E7



677370



00B382



003325

Inverse Universe

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



E73D6B



FF1F5B



E7623D



73676A



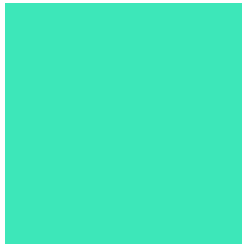
B30030



33000E

Previews

White Background



This preview shows how the Hex color 3DE7B9 looks on a white background.

Color Contrast Check

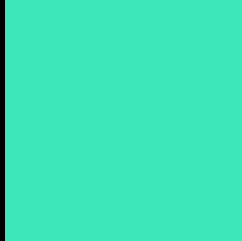
Large Text (above 18pt) WCAG AA × Fail

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 3DE7B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

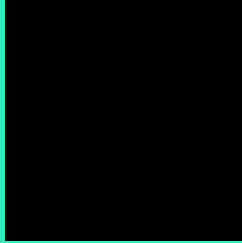
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

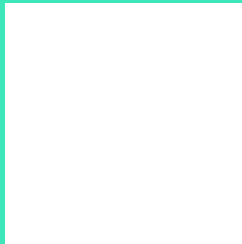
Any Text WCAG AAA ✓ Pass

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

Hex 3DE7B9 Background



This preview shows how black text looks on a background with the Hex color 3DE7B9.

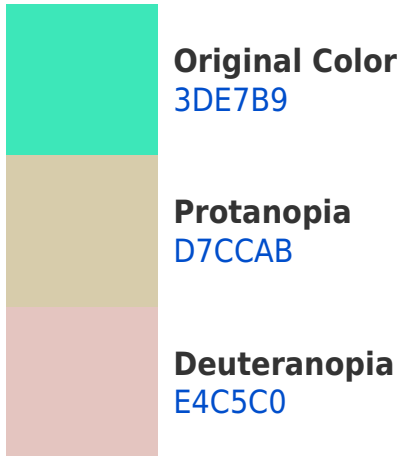


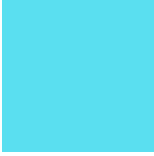
This preview shows how white text looks on a background with the Hex color 3DE7B9.

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
5ADFF1

Trichromacy



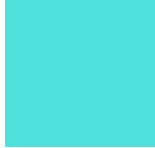
Original Color
3DE7B9



Protanomaly
9FD6B0



Deuteranomaly
A7D1BD

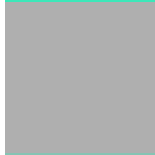


Tritanomaly
4FE2DD

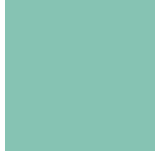
Monochromacy



Original Color
3DE7B9



Achromatopsia
AFAFAF



Achromatomaly
86C3B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DE7B9 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 #3DE7B9 looks like.

```
.text, #text, p{  
    color:#3DE7B9  
}
```

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 #3DE7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE7B9
}
```

Border

The CSS property to change the border of an element to Hex 3DE7B9 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
#3DE7B9 }
```

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

```
.border{ border-color:#3DE7B9 }
```

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

Here you see how a box with a 4 pixel #3DE7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE7B9; -webkit-box-shadow:4px 4px  
4px 4px #3DE7B9; box-shadow:4px 4px 4px  
4px #3DE7B9 }
```

Background

The CSS property to change the background color of an element to Hex 3DE7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE7B9 }
```

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

```
.background{ background-color:#3DE7B9 }
```

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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