

# Converting Colors

Hex(3DE8A1)

Have a look what the booklet for  
Hex(3DE8A1) contains.

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# Color

**Hex(3DE8A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DE8A1
RGB	61, 232, 161
RGB Percent	24%, 91%, 63%
CMY	0.7608, 0.0902, 0.3686
CMYK	0.74, 0.00, 0.31, 0.09
HSL	155°, 79%, 57%
HSV	155°, 74%, 91%
XYZ	37.2141, 61.2785, 43.5848
YIQ	172.7770, -79.1250, -58.3330

# Conversions

## Conversions Part 2

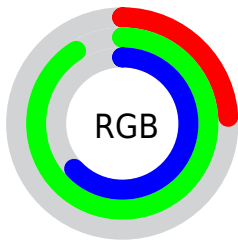
Format	Color
<a href="#">RYB</a>	<a href="#">61, 169, 232</a>
Decimal	<a href="#">4057249</a>
CIELab	<a href="#">82.53, -58.91, 22.48</a>
CIElCh	<a href="#">83, 63.049, 159.112</a>
Yxy	<a href="#">61.2785, 0.2619, 0.4313</a>
Android (android.graphics.Color)	<a href="#">4282247329 (0xFF3DE8A1)</a>
YUV	<a href="#">172.7770, -5.8061, -98.0284</a>
Hunter-Lab	<a href="#">78.2806, -52.1333, 21.7852</a>

# Details

The Hex color **3DE8A1** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E83D84**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **83FFD8**, and **00AF6D** is the 20% darker color. If you saturate the color by 10%, you get **26E897**, and if you desaturate by 10%, it is **54E8AB**.

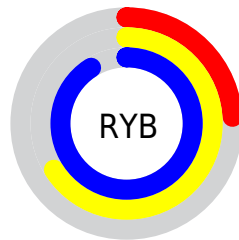
# Distribution



Red (24%)

Green (91%)

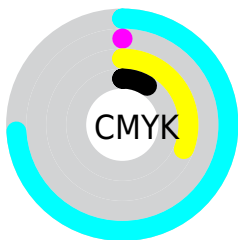
Blue (63%)



Red (24%)

Yellow (66%)

Blue (91%)

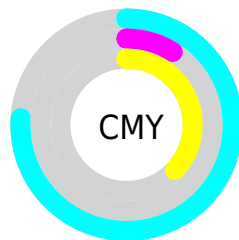


Cyan (74%)

Magenta (0%)

Yellow (31%)

Black (9%)



Cyan (76%)

Magenta (9%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DE8A1 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 3DE8A1 by changing the saturation by 10% instead.



 3DE8A1

 3DE8A1

FFFFFF

 00CB87

 83FFD8

 00AF6D

 A2FFF5

 009454

 C1FFFF

 00793D

 E0FFFF

 005F26

 004510

 002F00

 001000

 000000

 3DE8A1

 3DE8A1

 26E897

 54E8AB

 0FE88E

 6BE8B4

 00E888

 83E8BE

 9AE8C8

 B1E8D1

 C8E8DB

 DFE8E4

 F7E8EE

 FFE8F8

# Harmonies

## Analogous

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



9EDF6D



3DE8A1



00EBDE

# Triad

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



3DE8A1



85CEFF



FFA686

# Complementary

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



3DE8A1



E83D84

# 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.



FF9ABE



3DE8A1



E9B6FF

# Square

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



3DE8A1



00DFFF



FFA1F9



FFBB5D

# Rectangle

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



3DE8A1



00EAFB



FFA1F9



FFA097

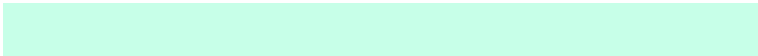


# Sweetspot

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



3DE8A1



C7FFE8



84E83D



5E8072



000000



808080



# Same Dimension

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



3DE8A1



1FFFA2



3DDAE8



67736E



00B368



00331E



# Inverse Universe

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



E83D84



FF1F7C



E84B3D



73676C



B3004A

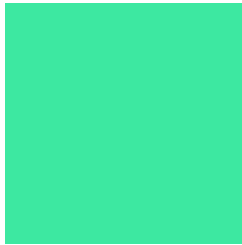


330015



# Previews

## White Background



This preview shows how the Hex color 3DE8A1 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 3DE8A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

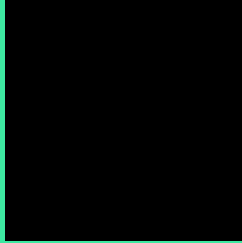
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DE8A1 Background



This preview shows how black text looks on a background with the Hex color 3DE8A1.

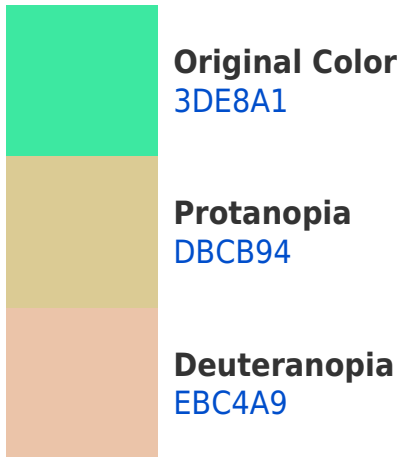


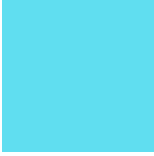
This preview shows how white text looks on a background with the Hex color 3DE8A1.

# 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](#).

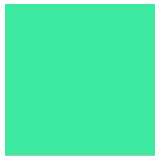
## Dichromacy





**Tritanopia**  
60DEF0

# Trichromacy



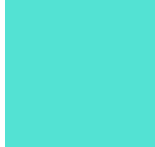
**Original Color**  
3DE8A1



**Protanomaly**  
A2D699



**Deuteranomaly**  
ACD1A6



**Tritanomaly**  
53E2D3

# Monochromacy



**Original Color**  
3DE8A1



**Achromatopsia**  
ADADAD



**Achromatomaly**  
84C2A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DE8A1 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 #3DE8A1 looks like.

```
.text, #text, p{  
    color:#3DE8A1  
}
```

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 #3DE8A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE8A1
}
```

## Border

The CSS property to change the border of an element to Hex 3DE8A1 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
#3DE8A1 }
```

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

```
.border{ border-color:#3DE8A1 }
```

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

Here you see how a box with a 4 pixel #3DE8A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE8A1; -webkit-box-shadow:4px 4px  
4px 4px #3DE8A1; box-shadow:4px 4px 4px  
4px #3DE8A1 }
```

# Background

The CSS property to change the background color of an element to Hex 3DE8A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE8A1 }
```

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

```
.background{ background-color:#3DE8A1 }
```

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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