

Converting Colors

Hex(3DE09A)

Have a look what the booklet for
Hex(3DE09A) contains.

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Color

Hex(3DE09A)

Conversions

Conversions Part 1

Format	Color
Hex	3DE09A
RGB	61, 224, 154
RGB Percent	24%, 88%, 60%
CMY	0.7608, 0.1216, 0.3961
CMYK	0.73, 0.00, 0.31, 0.12
HSL	154°, 72%, 56%
HSV	154°, 73%, 88%
XYZ	34.4129, 56.6365, 39.6900
YIQ	167.2830, -74.6780, -56.3260

Conversions

Conversions Part 2

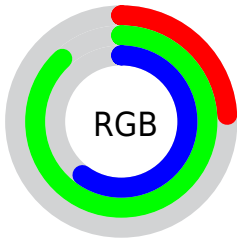
Format	Color
RYB	61, 165, 224
Decimal	4055194
CIELab	79.97, -57.32, 22.60
CIELCh	80, 61.614, 158.477
Yxy	56.6365, 0.2632, 0.4332
Android (android.graphics.Color)	4282245274 (0xFF3DE09A)
YUV	167.2830, -6.5485, -93.2102
Hunter-Lab	75.2572, -50.0775, 21.4110

Details

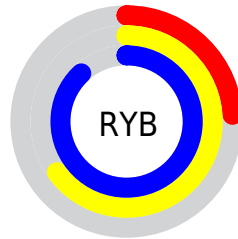
The Hex color **3DE09A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E03D83**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **81FFD1**, and **00A766** is the 20% darker color. If you saturate the color by 10%, you get **27E090**, and if you desaturate by 10%, it is **53E0A4**.

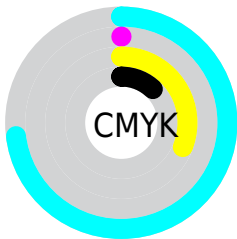
Distribution



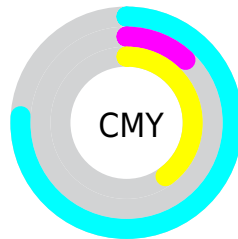
- Red (24%)
- Green (88%)
- Blue (60%)



- Red (24%)
- Yellow (65%)
- Blue (88%)



- Cyan (73%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)



- Cyan (76%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DE09A 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 3DE09A by changing the saturation by 10% instead.

 3DE09A

 3DE09A

FFFFFF

 00C380

 81FFD1

 00A766

 A1FFED

 008C4E

 BFFFFFF

 007237

 DEFFFF

 005820

 FDFFFF

 003F0A

 002800

 000000

 3DE09A

 3DE09A

 27E090

 53E0A4

 10E087

 6AE0AD

 00E080

 80E0B7

 97E0C0

 ADE0CA

 C3E0D4

 DAE0DD

 F0E0E7

 FFE0F1

Harmonies

Analogous

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



9AD768



3DE09A



00E3D5

Triad

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



3DE09A



7DC7FF



FF9F82

Complementary

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



3DE09A



E03D83

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.



FF94B8



3DE09A



E0B1FF

Square

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



3DE09A



00D8FF



FF9CF2



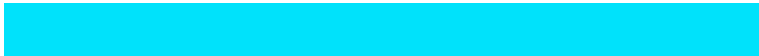
FFB45A

Rectangle

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



3DE09A



00E2FB



FF9CF2



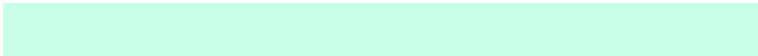
FF9A93

Sweetspot

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



3DE09A



C7FFE7



84E03D



5E8071



000000



808080

Same Dimension

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



3DE09A



21FFA0



3DD5E0



65706B



00B064



00301C

Inverse Universe

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



E03D83



FF2180



E0483D



70656A



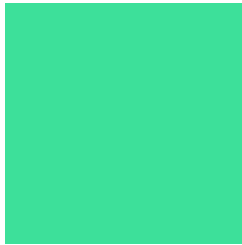
B0004C



300015

Previews

White Background



This preview shows how the Hex color 3DE09A looks on a white background.

Color Contrast Check

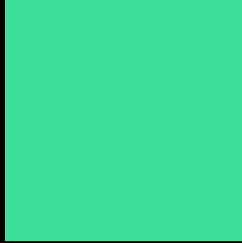
Large Text (above 18pt) WCAG AA × Fail

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 3DE09A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

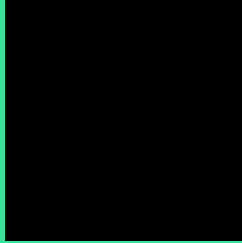
Any Text WCAG AA ✓ Pass

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 3DE09A Background



This preview shows how black text looks on a background with the Hex color 3DE09A.

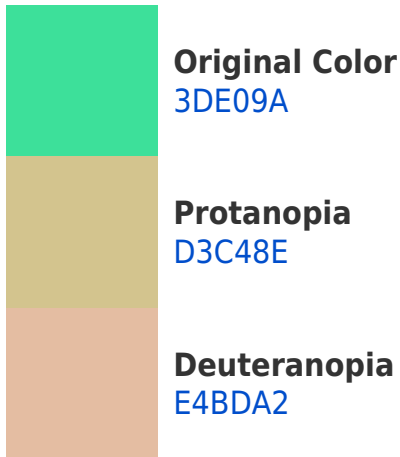


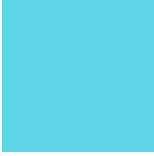
This preview shows how white text looks on a background with the Hex color 3DE09A.

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](#).

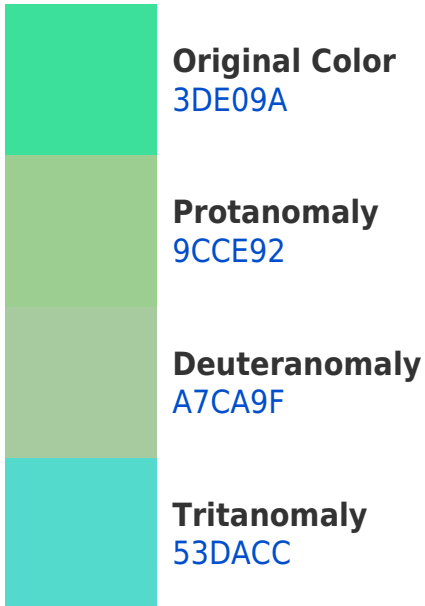
Dichromacy



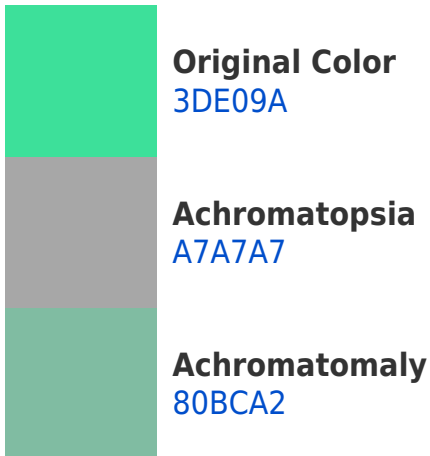


Tritanopia
5FD6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DE09A 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 #3DE09A looks like.

```
.text, #text, p{  
    color:#3DE09A  
}
```

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 #3DE09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE09A
}
```

Border

The CSS property to change the border of an element to Hex 3DE09A 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
#3DE09A }
```

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

```
.border{ border-color:#3DE09A }
```

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

Here you see how a box with a 4 pixel #3DE09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE09A; -webkit-box-shadow:4px 4px  
4px 4px #3DE09A; box-shadow:4px 4px 4px  
4px #3DE09A }
```

Background

The CSS property to change the background color of an element to Hex 3DE09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE09A }
```

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

```
.background{ background-color:#3DE09A }
```

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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