

# Converting Colors

Hex(3CE091)

Have a look what the booklet for  
Hex(3CE091) contains.

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# Color

**Hex(3CE091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CE091
RGB	60, 224, 145
RGB Percent	24%, 88%, 57%
CMY	0.7647, 0.1216, 0.4314
CMYK	0.73, 0.00, 0.35, 0.12
HSL	151°, 73%, 56%
HSV	151°, 73%, 88%
XYZ	33.6300, 56.3163, 35.8857
YIQ	165.9580, -72.3850, -59.3370

# Conversions

## Conversions Part 2

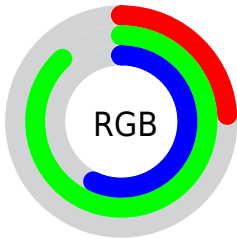
Format	Color
<a href="#">RYB</a>	60, 168, 224
Decimal	3989649
CIELab	79.79, -59.26, 27.01
CIELCh	80, 65.125, 155.496
Yxy	56.3163, 0.2673, 0.4476
Android (android.graphics.Color)	4282179729 (0xFF3CE091)
YUV	165.9580, -10.3323, -92.9252
Hunter-Lab	75.0442, -51.3351, 24.1788

# Details

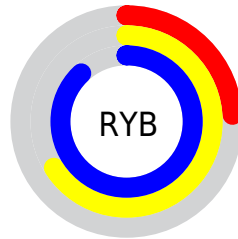
The Hex color **3CE091** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle washed spring green. A complement of this color would be **E03C8B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **81FFC7**, and **00A75E** is the 20% darker color. If you saturate the color by 10%, you get **26E086**, and if you desaturate by 10%, it is **52E09C**.

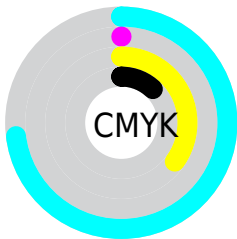
# Distribution



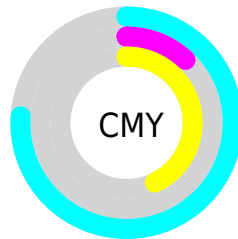
- Red (24%)
- Green (88%)
- Blue (57%)



- Red (24%)
- Yellow (66%)
- Blue (88%)



- Cyan (73%)
- Magenta (0%)
- Yellow (35%)
- Black (12%)



- Cyan (76%)
- Magenta (12%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CE091 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 3CE091 by changing the saturation by 10% instead.



 3CE091

 3CE091

FFFFFF

 00C377

 81FFC7

 00A75E

 A0FFE4

 008C46

 BFFFFFF

 00722E

 DDFFFF

 005817

 FCFFFF

 003F00

 002700

 000000

 3CE091

 3CE091

 26E086

 52E09C

 0FE07B

 69E0A7

 00E074

 7FE0B1

 96E0BC

 ACE0C7

 C2E0D2

 D9E0DD

 EFE0E7

 FFE0F2

# Harmonies

## Analogous

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



9DD65D



3CE091



00E4CF

# Triad

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



3CE091



62C9FF



FF9A82

# Complementary

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



3CE091



E03C8B

# 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.



FF8FBD



3CE091



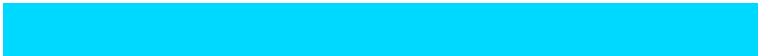
D8B1FF

# Square

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



3CE091



00D9FF



FF9AF9



FFB056

# Rectangle

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



3CE091



00E3F8



FF9AF9



FF9495

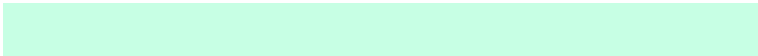


# Sweetspot

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



3CE091



C7FFE4



8BE03C



5E8070



000000



808080



# Same Dimension

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



3CE091



1FFF93



3CDDE0



65706B



00B05B



003019



# Inverse Universe

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



E03C8B



FF1F8B



E03F3C



70656A



B00055

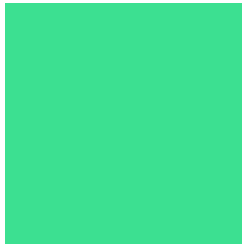


300017



# Previews

## White Background



This preview shows how the Hex color 3CE091 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 3CE091 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

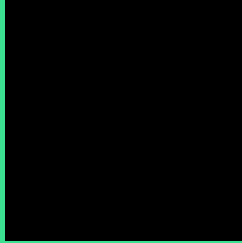
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CE091 Background



This preview shows how black text looks on a background with the Hex color 3CE091.

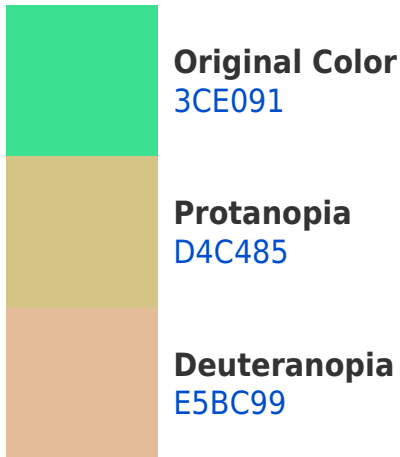


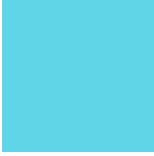
This preview shows how white text looks on a background with the Hex color 3CE091.

# 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**  
60D5E7

# Trichromacy



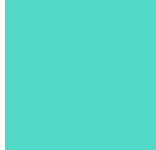
**Original Color**  
3CE091



**Protanomaly**  
9DCE89



**Deuteranomaly**  
A8C996

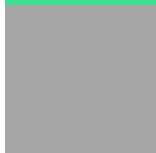


**Tritanomaly**  
53D9C8

# Monochromacy



**Original Color**  
3CE091



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
7FBB9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CE091 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 #3CE091 looks like.

```
.text, #text, p{  
    color:#3CE091  
}
```

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 #3CE091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE091
}
```

## Border

The CSS property to change the border of an element to Hex 3CE091 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
#3CE091 }
```

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

```
.border{ border-color:#3CE091 }
```

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

Here you see how a box with a 4 pixel #3CE091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE091; -webkit-box-shadow:4px 4px  
4px 4px #3CE091; box-shadow:4px 4px 4px  
4px #3CE091 }
```

# Background

The CSS property to change the background color of an element to Hex 3CE091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE091 }
```

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

```
.background{ background-color:#3CE091 }
```

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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