

Converting Colors

Hex(7CE395)

Have a look what the booklet for
Hex(7CE395) contains.

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Color

Hex(7CE395)

Conversions

Conversions Part 1

Format	Color
Hex	7CE395
RGB	124, 227, 149
RGB Percent	49%, 89%, 58%
CMY	0.5137, 0.1098, 0.4157
CMYK	0.45, 0.00, 0.34, 0.11
HSL	135°, 65%, 69%
HSV	135°, 45%, 89%
XYZ	41.2061, 61.3932, 38.1121
YIQ	187.3110, -36.3500, -46.0940

Conversions

Conversions Part 2

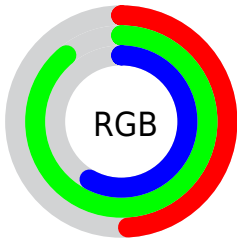
Format	Color
RYB	124, 207, 227
Decimal	8184725
CIELab	82.59, -46.53, 29.03
CIELCh	83, 54.847, 148.039
Yxy	61.3932, 0.2928, 0.4363
Android (android.graphics.Color)	4286374805 (0xFF7CE395)
YUV	187.3110, -18.8873, -55.5237
Hunter-Lab	78.3538, -43.2464, 26.0084

Details

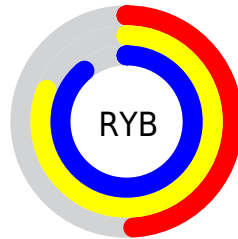
The Hex color **7CE395** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E37CCA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B5FFCC**, and **42AB61** is the 20% darker color. If you saturate the color by 10%, you get **65E384**, and if you desaturate by 10%, it is **93E3A6**.

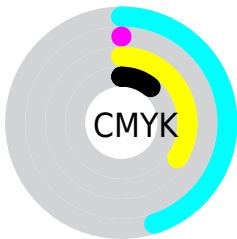
Distribution



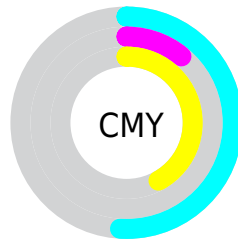
- Red (49%)
- Green (89%)
- Blue (58%)



- Red (49%)
- Yellow (81%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CE395 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 7CE395 by changing the saturation by 10% instead.

 7CE395

 7CE395

FFFFFF

 60C77B

 B5FFCC

 42AB61

 D2FFE8

 219049

 F0FFFF

 007531

 005C1A

 004302

 002D00

 001000

 000000

 7CE395

 7CE395

 65E384

 93E3A6

 4FE373

 A9E3B7

 38E361

 C0E3C9

 21E350

 D7E3DA

 0BE33F

 EEE3EB

 00E337

 FFE3FC

 FFE3FF

Harmonies

Analogous

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



BCD96F



7CE395



00E8C8

Triad

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



7CE395



6CD4FF



FFA7A0

Complementary

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



7CE395



E37CCA

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.



FFA3D3



7CE395



CCC1FF

Square

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



7CE395



00E1FF



FFAEFF



FFB777

Rectangle

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



7CE395



00E8EC



FFAEFF



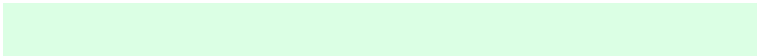
FFA4B0

Sweetspot

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



7CE395



DBFFE4



CBE37C



6A806F



000000



808080

Same Dimension

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



7CE395



75FF97



7CE3C8



67736A



00B32B



00330C

Inverse Universe

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



E37CCA



FF75DE



E37C97



736770



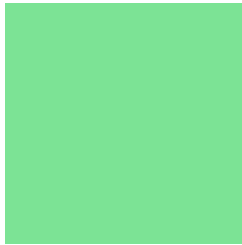
B30087



330027

Previews

White Background



This preview shows how the Hex color 7CE395 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 7CE395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

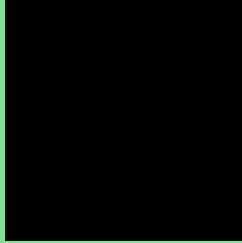
Any Text WCAG AA ✓ Pass

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 7CE395 Background



This preview shows how black text looks on a background with the Hex color 7CE395.

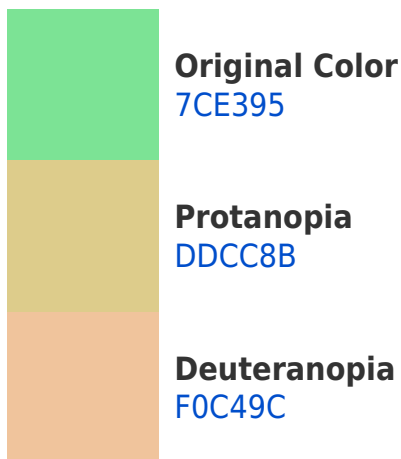


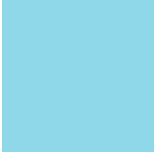
This preview shows how white text looks on a background with the Hex color 7CE395.

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



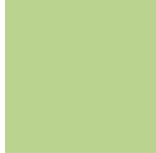


Tritanopia
8FD8EA

Trichromacy



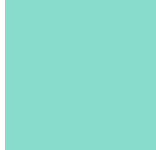
Original Color
7CE395



Protanomaly
BAD48F



Deuteranomaly
C6CF99

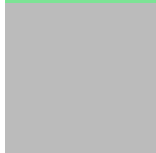


Tritanomaly
88DCCB

Monochromacy



Original Color
7CE395



Achromatopsia
BBBBBB



Achromatomaly
A4CAAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CE395 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 #7CE395 looks like.

```
.text, #text, p{  
    color:#7CE395  
}
```

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 #7CE395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CE395
}
```

Border

The CSS property to change the border of an element to Hex 7CE395 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
#7CE395 }
```

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

```
.border{ border-color:#7CE395 }
```

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

Here you see how a box with a 4 pixel #7CE395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CE395; -webkit-box-shadow:4px 4px  
4px 4px #7CE395; box-shadow:4px 4px 4px  
4px #7CE395 }
```

Background

The CSS property to change the background color of an element to Hex 7CE395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CE395 }
```

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

```
.background{ background-color:#7CE395 }
```

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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