

Converting Colors

Hex(7CEC6A)

Have a look what the booklet for
Hex(7CEC6A) contains.

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Color

Hex(7CEC6A)

Conversions

Conversions Part 1

Format	Color
Hex	7CEC6A
RGB	124, 236, 106
RGB Percent	49%, 93%, 42%
CMY	0.5137, 0.0745, 0.5843
CMYK	0.47, 0.00, 0.55, 0.07
HSL	112°, 77%, 67%
HSV	112°, 55%, 93%
XYZ	40.9092, 65.3166, 24.0869
YIQ	187.6920, -25.0220, -64.1740

Conversions

Conversions Part 2

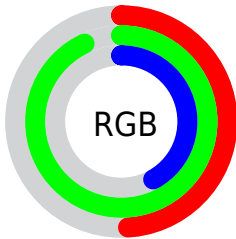
Format	Color
RYB	106, 236, 218
Decimal	8186986
CIELab	84.65, -56.31, 52.57
CIELCh	85, 77.035, 136.967
Yxy	65.3166, 0.3139, 0.5012
Android (android.graphics.Color)	4286377066 (0xFF7CEC6A)
YUV	187.6920, -40.2742, -55.8579
Hunter-Lab	80.8187, -51.0788, 38.9025

Details

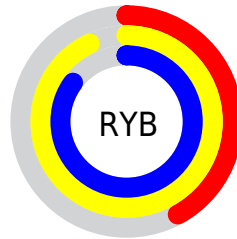
The Hex color **7CEC6A** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DA6AEC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B7FFA0**, and **3EB334** is the 20% darker color. If you saturate the color by 10%, you get **68EC52**, and if you desaturate by 10%, it is **90EC82**.

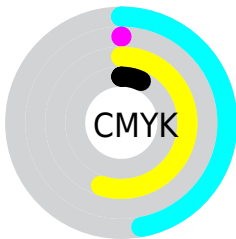
Distribution



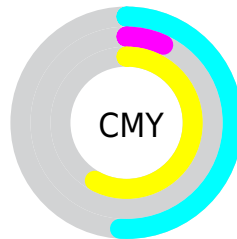
- Red (49%)
- Green (93%)
- Blue (42%)



- Red (42%)
- Yellow (93%)
- Blue (85%)



- Cyan (47%)
- Magenta (0%)
- Yellow (55%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CEC6A 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 7CEC6A by changing the saturation by 10% instead.

 7CEC6A

 7CEC6A

FFFFFF

 5ECF4F

 B7FFA0

 3EB334

 D5FFBC

 149816

 F3FFD9

 007D00

 FFFFF6

 006300

 004A00

 003300

 001900

 000000

 7CEC6A

 7CEC6A

 68EC52

 90EC82

 53EC3B

 A5EC99

 3FEC23

 B9ECB1

 2BEC0C

 CDECC8

 21EC00

 E2ECE0

 F6ECF8

 FFECFF

Harmonies

Analogous

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



D2DC38



7CEC6A



00F4B0

Triad

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



7CEC6A



00E5FF



FF91AD

Complementary

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



7CEC6A



DA6AEC

Split Complementary

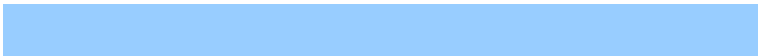
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF93F6



7CEC6A



98CDFF

Square

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



7CEC6A



00F2FF



FFAEFF



FFA76B

Rectangle

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



7CEC6A



00F6E3



FFAEFF



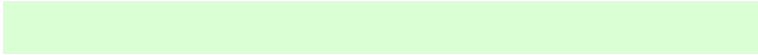
FF8EC5

Sweetspot

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



7CEC6A



DAFFD4



ECD96A



6A8066



000000



808080

Same Dimension

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



7CEC6A



6EFF57



6AEC98



6B756A



19B500



073600

Inverse Universe

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



DA6AEC



E857FF



EC6ABE



746A75



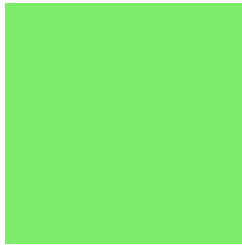
9C00B5



2E0036

Previews

White Background



This preview shows how the Hex color 7CEC6A 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 7CEC6A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

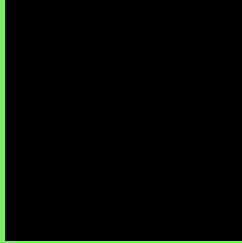
Any Text WCAG AA ✓ Pass

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 7CEC6A Background



This preview shows how black text looks on a background with the Hex color 7CEC6A.

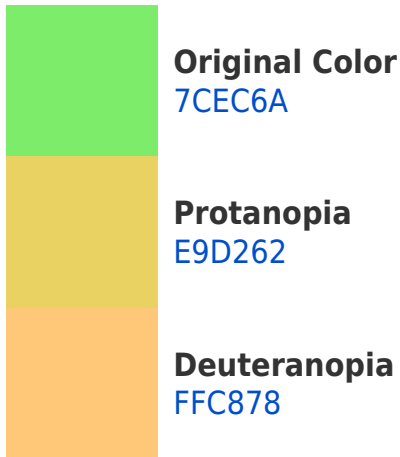


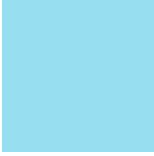
This preview shows how white text looks on a background with the Hex color 7CEC6A.

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





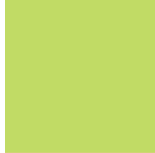
Tritanopia
96DEF0

Trichromacy



Original Color

7CEC6A



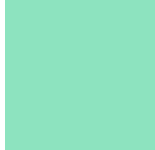
Protanomaly

C1DB65



Deuteranomaly

CFD573



Tritanomaly

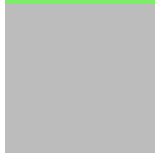
8DE3BF

Monochromacy



Original Color

7CEC6A



Achromatopsia

BCBCBC



Achromatomaly

A5CD9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CEC6A 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 #7CEC6A looks like.

```
.text, #text, p{  
    color:#7CEC6A  
}
```

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 #7CEC6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CEC6A
}
```

Border

The CSS property to change the border of an element to Hex 7CEC6A 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
#7CEC6A }
```

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

```
.border{ border-color:#7CEC6A }
```

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

Here you see how a box with a 4 pixel #7CEC6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CEC6A; -webkit-box-shadow:4px 4px  
4px 4px #7CEC6A; box-shadow:4px 4px 4px  
4px #7CEC6A }
```

Background

The CSS property to change the background color of an element to Hex 7CEC6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CEC6A }
```

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

```
.background{ background-color:#7CEC6A }
```

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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