

Converting Colors

Hex(7CE135)

Have a look what the booklet for
Hex(7CE135) contains.

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Color

Hex(7CE135)

Conversions

Conversions Part 1

Format	Color
Hex	7CE135
RGB	124, 225, 53
RGB Percent	49%, 88%, 21%
CMY	0.5137, 0.1176, 0.7922
CMYK	0.45, 0.00, 0.76, 0.12
HSL	95°, 74%, 55%
HSV	95°, 76%, 88%
XYZ	35.8800, 58.3926, 12.7480
YIQ	175.1930, -4.9840, -74.9040

Conversions

Conversions Part 2

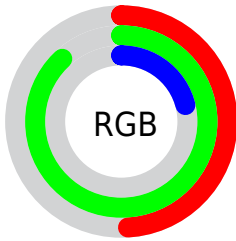
Format	Color
RYB	53, 225, 154
Decimal	8184117
CIELab	80.96, -56.56, 69.32
CIELCh	81, 89.467, 129.208
Yxy	58.3926, 0.3353, 0.5456
Android (android.graphics.Color)	4286374197 (0xFF7CE135)
YUV	175.1930, -60.2411, -44.8963
Hunter-Lab	76.4150, -49.9132, 43.5994

Details

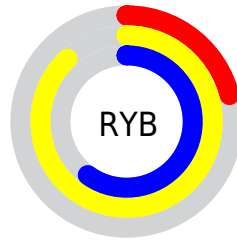
The Hex color **7CE135** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **9A35E1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B7FF70**, and **3DA900** is the 20% darker color. If you saturate the color by 10%, you get **6FE11E**, and if you desaturate by 10%, it is **89E14C**.

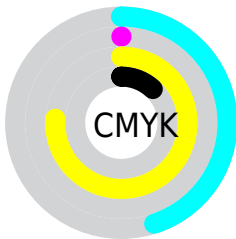
Distribution



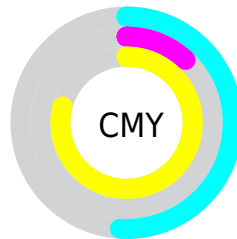
- Red (49%)
- Green (88%)
- Blue (21%)



- Red (21%)
- Yellow (88%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (76%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CE135 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 7CE135 by changing the saturation by 10% instead.

 7CE135

 7CE135

FFFFFF

 5EC50A

 B7FF70

 3DA900

 D5FF8C

 118E00

 F4FFA9

 007300

 FFFFC6

 005A00

 FFFF E3

 004100

 002A00

 000700

 000000

 7CE135

 7CE135

 6FE11E

 89E14C

 62E108

 96E162

 5DE100

 A4E179

 B1E18F

 BEE1A5

 CBE1BC

 D8E1D3

 E6E1E9

 F3E1FF

Harmonies

Analogous

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



D8CD00



7CE135



00EB8A

Triad

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



7CE135



00E2FF



FF6FB3

Complementary

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



7CE135



9A35E1

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.



FF7EFF



7CE135



00CBFF

Square

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



7CE135



00EDFF



ECA6FF



FF8963

Rectangle

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



7CE135



00EFC4



ECA6FF



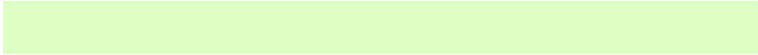
FF6FCF

Sweetspot

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



7CE135



DFFFC4



E19935



6B805C



000000



808080

Same Dimension

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



7CE135



75FF14



35E143



6A7065



49B000



143000

Inverse Universe

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



9A35E1



9E14FF



E135D3



6C6570



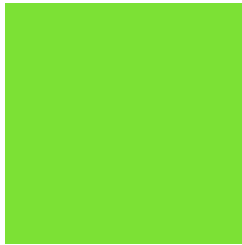
6700B0



1C0030

Previews

White Background



This preview shows how the Hex color 7CE135 looks on a white background.

Color Contrast Check

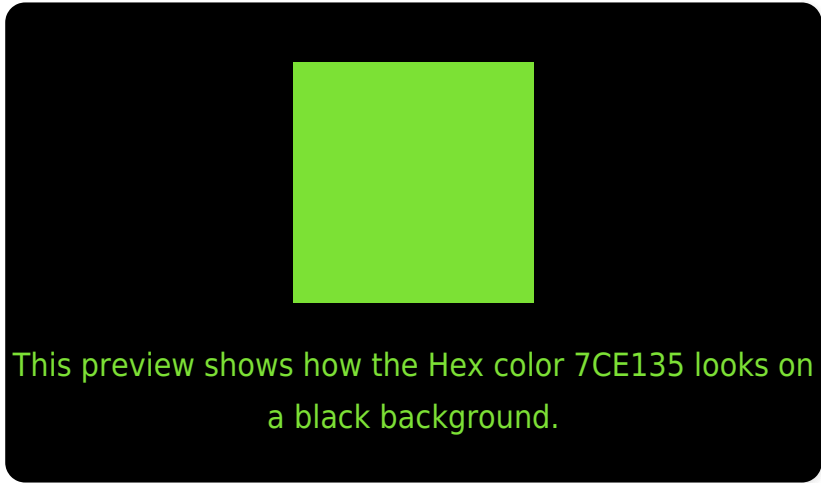
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 7CE135 Background



This preview shows how black text looks on a background with the Hex color 7CE135.

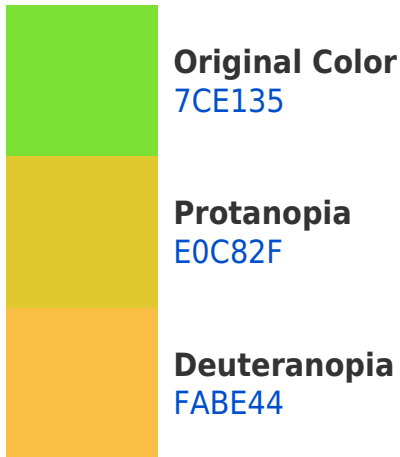


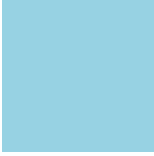
This preview shows how white text looks on a background with the Hex color 7CE135.

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
97D2E3

Trichromacy



Original Color
7CE135



Protanomaly
BCD131



Deuteranomaly
CCCB3F



Tritanomaly
8DD7A4

Monochromacy



Original Color
7CE135



Achromatopsia
AFAFAF



Achromatomaly
9CC183

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CE135 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 #7CE135 looks like.

```
.text, #text, p{  
    color:#7CE135  
}
```

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 #7CE135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CE135
}
```

Border

The CSS property to change the border of an element to Hex 7CE135 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
#7CE135 }
```

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

```
.border{ border-color:#7CE135 }
```

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

Here you see how a box with a 4 pixel #7CE135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CE135; -webkit-box-shadow:4px 4px  
4px 4px #7CE135; box-shadow:4px 4px 4px  
4px #7CE135 }
```

Background

The CSS property to change the background color of an element to Hex 7CE135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CE135 }
```

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

```
.background{ background-color:#7CE135 }
```

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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