

Converting Colors

Hex(7CDE55)

Have a look what the booklet for
Hex(7CDE55) contains.

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Color

Hex(7CDE55)

Conversions

Conversions Part 1

Format	Color
Hex	7CDE55
RGB	124, 222, 85
RGB Percent	49%, 87%, 33%
CMY	0.5137, 0.1294, 0.6667
CMYK	0.44, 0.00, 0.62, 0.13
HSL	103°, 67%, 60%
HSV	103°, 62%, 87%
XYZ	36.0731, 57.1835, 17.7306
YIQ	177.0800, -14.4310, -63.3830

Conversions

Conversions Part 2

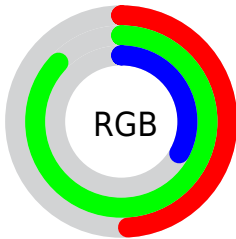
Format	Color
RYB	85, 222, 183
Decimal	8183381
CIELab	80.28, -53.00, 56.79
CIELCh	80, 77.681, 133.025
Yxy	57.1835, 0.3250, 0.5152
Android (android.graphics.Color)	4286373461 (0xFF7CDE55)
YUV	177.0800, -45.3954, -46.5512
Hunter-Lab	75.6198, -47.1842, 39.0321

Details

The Hex color **7CDE55** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **B755DE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B6FF8B**, and **40A61B** is the 20% darker color. If you saturate the color by 10%, you get **6CDE3F**, and if you desaturate by 10%, it is **8CDE6B**.

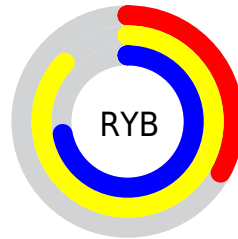
Distribution



Red (49%)

Green (87%)

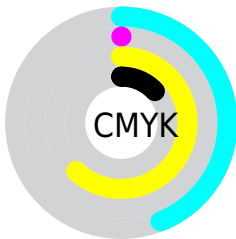
Blue (33%)



Red (33%)

Yellow (87%)

Blue (72%)

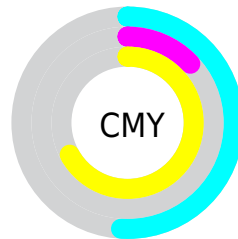


Cyan (44%)

Magenta (0%)

Yellow (62%)

Black (13%)



Cyan (51%)

Magenta (13%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CDE55 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 7CDE55 by changing the saturation by 10% instead.

 7CDE55

 7CDE55

FFFFFF

 5FC23A

 B6FF8B

 40A61B

 D4FFA7

 1B8B00

 F2FFC3

 007100

 FFFFEO

 005700

FFFFFFD

 003F00

 002900

 000200

 000000

 7CDE55

 7CDE55

 6CDE3F

 8CDE6B

 5CDE29

 9CDE81

 4CDE12

 ACDE98

 3FDE00

 BCDEAE

 CBDEC4

 DBDEDA

 EBDEF0

 FBDEFF

 FFDEFF

Harmonies

Analogous

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



CECE22



7CDE55



00E79A

Triad

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



7CDE55



00DBFF



FF81AA

Complementary

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



7CDE55



B755DE

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.



FF88F3



7CDE55



6EC5FF

Square

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



7CDE55



00E6FF



F3A6FF



FF9667

Rectangle

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



7CDE55



00E9CD



F3A6FF



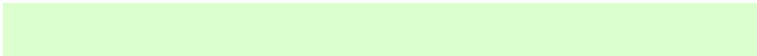
FF80C3

Sweetspot

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



7CDE55



DCFFCF



DEB555



6B8062



000000



808080

Same Dimension

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



7CDE55



78FF42



55DE70



687065



32B000



0E3000

Inverse Universe

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



B755DE



C942FF



DE55C3



6D6570



7E00B0



230030

Previews

White Background



This preview shows how the Hex color 7CDE55 looks on a white background.

Color Contrast Check

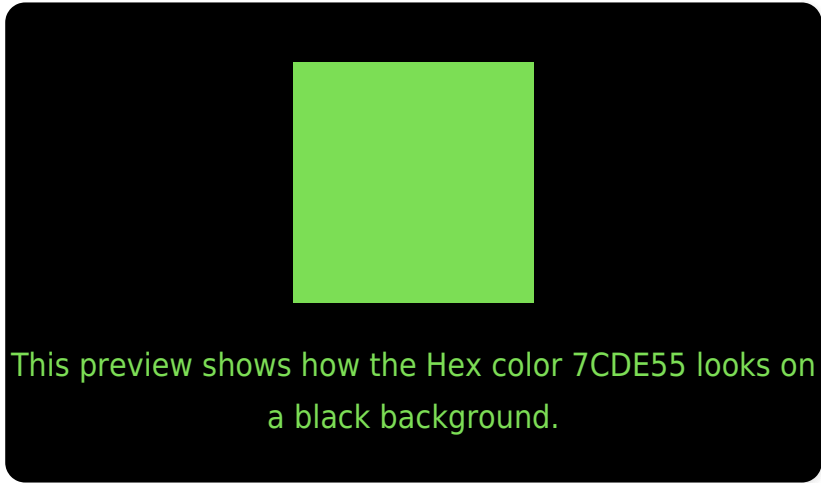
Large Text (above 18pt) WCAG AA × Fail

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

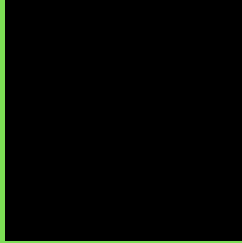
Any Text WCAG AA ✓ Pass

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 7CDE55 Background



This preview shows how black text looks on a background with the Hex color 7CDE55.

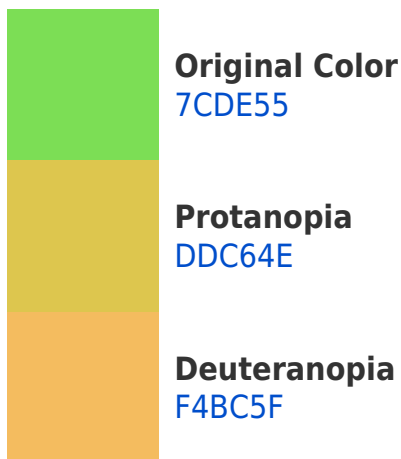


This preview shows how white text looks on a background with the Hex color 7CDE55.

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
94D0E1

Trichromacy



Original Color
7CDE55



Protanomaly
BACF51



Deuteranomaly
C8C85B



Tritanomaly
8BD5AE

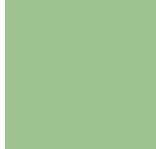
Monochromacy



Original Color
7CDE55



Achromatopsia
B1B1B1



Achromatomaly
9EC190

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CDE55 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 #7CDE55 looks like.

```
.text, #text, p{  
    color:#7CDE55  
}
```

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 #7CDE55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CDE55
}
```

Border

The CSS property to change the border of an element to Hex 7CDE55 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
#7CDE55 }
```

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

```
.border{ border-color:#7CDE55 }
```

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

Here you see how a box with a 4 pixel #7CDE55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CDE55; -webkit-box-shadow:4px 4px  
4px 4px #7CDE55; box-shadow:4px 4px 4px  
4px #7CDE55 }
```

Background

The CSS property to change the background color of an element to Hex 7CDE55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CDE55 }
```

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

```
.background{ background-color:#7CDE55 }
```

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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