

# Converting Colors

Hex(7DE043)

Have a look what the booklet for  
Hex(7DE043) contains.

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**Color**

**Hex(7DE043)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7DE043
RGB	125, 224, 67
RGB Percent	49%, 88%, 26%
CMY	0.5098, 0.1216, 0.7373
CMYK	0.44, 0.00, 0.70, 0.12
HSL	98°, 72%, 57%
HSV	98°, 70%, 88%
XYZ	36.1262, 58.0765, 14.6160
YIQ	176.5010, -8.6070, -69.8150

# Conversions

## Conversions Part 2

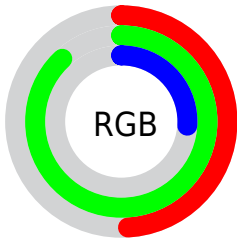
Format	Color
<a href="#">RYB</a>	<a href="#">67, 224, 166</a>
Decimal	<a href="#">8249411</a>
CIELab	<a href="#">80.78, -54.98, 64.46</a>
CIELCh	<a href="#">81, 84.719, 130.460</a>
Yxy	<a href="#">58.0765, 0.3320, 0.5337</a>
Android (android.graphics.Color)	<a href="#">4286439491</a> ( <a href="#">0xFF7DE043</a> )
YUV	<a href="#">176.5010, -53.9840, -45.1664</a>
Hunter-Lab	<a href="#">76.2080, -48.7464, 41.9743</a>

# Details

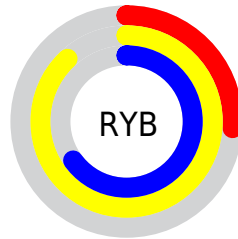
The Hex color **7DE043** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A643E0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B8FF7B**, and **40A800** is the 20% darker color. If you saturate the color by 10%, you get **6FE02D**, and if you desaturate by 10%, it is **8BE059**.

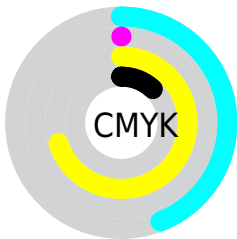
# Distribution



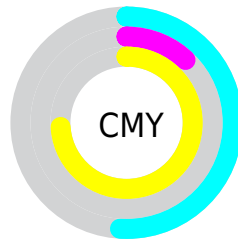
- Red (49%)
- Green (88%)
- Blue (26%)



- Red (26%)
- Yellow (88%)
- Blue (65%)



- Cyan (44%)
- Magenta (0%)
- Yellow (70%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DE043 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 7DE043 by changing the saturation by 10% instead.



 7DE043

 7DE043

FFFFFF

 5FC423

 B8FF7B

 40A800

 D6FF97

 188D00

 F4FFB4

 007200

 FFFFD0

 005900

 FFFFEE

 004000

 002A00

 000500

 000000


 7DE043

 7DE043

 6FE02D

 8BE059

 61E016

 99E070

 53E000

 A7E086

 B5E09D

 C4E0B3

 D2E0C9

 E0E0E0

 EEE0F6

 FCE0FF

# Harmonies

## Analogous

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



D5CE00



7DE043



00EA90

# Triad

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



7DE043



00DFFF



FF77B0

# Complementary

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



7DE043



A643E0

# 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.



FF83FF



7DE043



37C9FF

# Square

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



7DE043



00EBFF



EFA7FF



FF8F65

# Rectangle

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



7DE043



00EDC7



EFA7FF



FF77CB

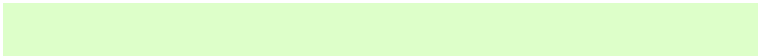


# Sweetspot

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



7DE043



DFFC9



E0A443



6B8060



000000



808080



# Same Dimension

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



7DE043



78FF29



43E055



697065



41B000



123000



# Inverse Universe

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



A643E0



B029FF



E043CE



6C6570



6F00B0

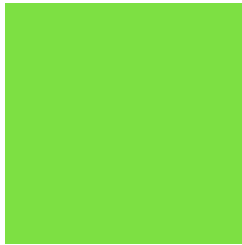


1F0030



# Previews

## White Background



This preview shows how the Hex color 7DE043 looks on a white background.

## Color Contrast Check

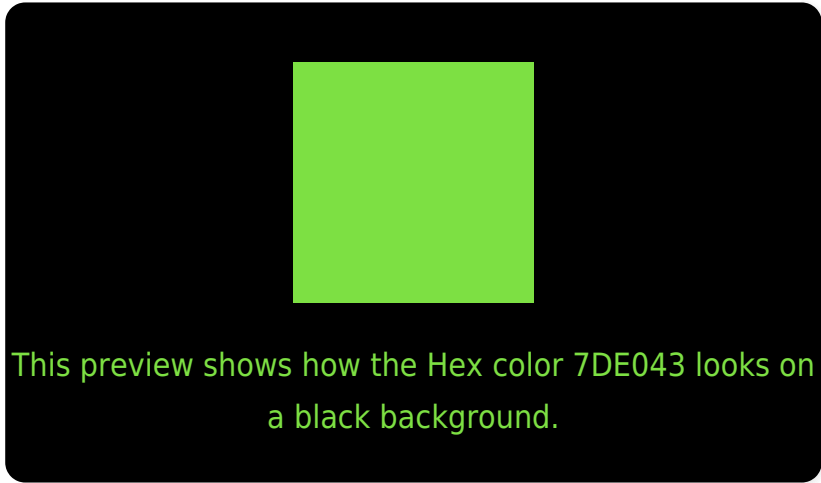
Large Text (above 18pt) WCAG AA × Fail

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 7DE043 Background



This preview shows how black text looks on a background with the Hex color 7DE043.

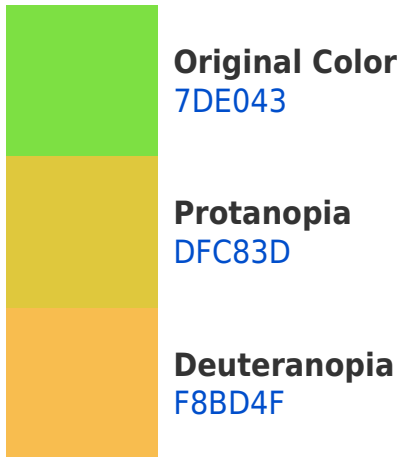


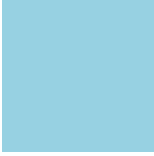
This preview shows how white text looks on a background with the Hex color 7DE043.

# 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**  
97D1E2

# Trichromacy



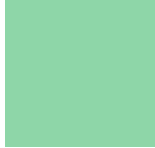
**Original Color**  
7DE043



**Protanomaly**  
BBD13F



**Deuteranomaly**  
CBCA4B



**Tritanomaly**  
8ED6A8

# Monochromacy



**Original Color**  
7DE043



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
9EC289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DE043 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 #7DE043 looks like.

```
.text, #text, p{  
    color:#7DE043  
}
```

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 #7DE043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE043
}
```

## Border

The CSS property to change the border of an element to Hex 7DE043 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
#7DE043 }
```

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

```
.border{ border-color:#7DE043 }
```

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

Here you see how a box with a 4 pixel #7DE043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE043; -webkit-box-shadow:4px 4px  
4px 4px #7DE043; box-shadow:4px 4px 4px  
4px #7DE043 }
```

# Background

The CSS property to change the background color of an element to Hex 7DE043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE043 }
```

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

```
.background{ background-color:#7DE043 }
```

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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