

# Converting Colors

Hex(7DE93D)

Have a look what the booklet for  
Hex(7DE93D) contains.

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**Color**

**Hex(7DE93D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE93D
RGB	125, 233, 61
RGB Percent	49%, 91%, 24%
CMY	0.5098, 0.0863, 0.7608
CMYK	0.46, 0.00, 0.74, 0.09
HSL	98°, 80%, 58%
HSV	98°, 74%, 91%
XYZ	38.4387, 62.9747, 14.5443
YIQ	181.1000, -9.1560, -76.3880

# Conversions

## Conversions Part 2

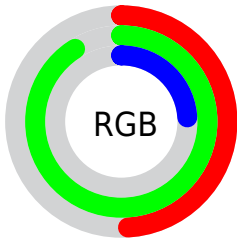
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 233, 169
Decimal	8251709
CIELab	83.43, -58.82, 69.19
CIElCh	83, 90.815, 130.367
Yxy	62.9747, 0.3315, 0.5431
Android (android.graphics.Color)	4286441789 (0xFF7DE93D)
YUV	181.1000, -59.2093, -49.1997
Hunter-Lab	79.3566, -52.4125, 44.6831

# Details

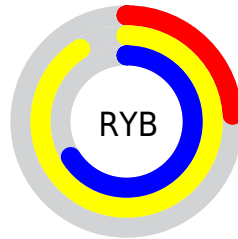
The Hex color **7DE93D** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **A93DE9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B9FF77**, and **3DB000** is the 20% darker color. If you saturate the color by 10%, you get **6EE926**, and if you desaturate by 10%, it is **8CE954**.

# Distribution



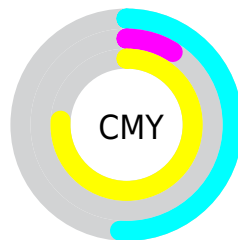
- Red (49%)
- Green (91%)
- Blue (24%)



- Red (24%)
- Yellow (91%)
- Blue (66%)



- Cyan (46%)
- Magenta (0%)
- Yellow (74%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DE93D 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 7DE93D by changing the saturation by 10% instead.



 7DE93D

 7DE93D

FFFFFF

 5ECC19

 B9FF77

 3DB000

 D7FF94

 0D9500

 F5FFB0

 007A00

 FFFFCD

 006000

 FFFFEB

 004700

 003100

 001400

 000000

 7DE93D

 7DE93D

 6EE926

 8CE954

 60E90E

 9AE96C

 57E900

 A9E983

 B8E99A

 C6E9B2

 D5E9C9

 E3E9E0

 F2E9F7

 FFE9FF

# Harmonies

## Analogous

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



DDD500



7DE93D



00F393

# Triad

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



7DE93D



00E9FF



FF75B6

# Complementary

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



7DE93D



A93DE9

# 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



7DE93D



00D0FF

# Square

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



7DE93D



00F4FF



F8ABFF



FF9065

# Rectangle

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



7DE93D



00F7CE



F8ABFF



FF75D3

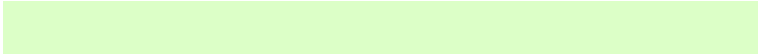


# Sweetspot

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



7DE93D



DCFFC7



E9A73D



6B805E



000000



808080



# Same Dimension

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



7DE93D



70FF1C



3DE951



6E756A



43B500



143600



# Inverse Universe

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



A93DE9



AB1CFF



E93DD5



716A75



7200B5



220036



# Previews

## White Background



This preview shows how the Hex color 7DE93D 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 7DE93D 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 7DE93D Background



This preview shows how black text looks on a background with the Hex color 7DE93D.

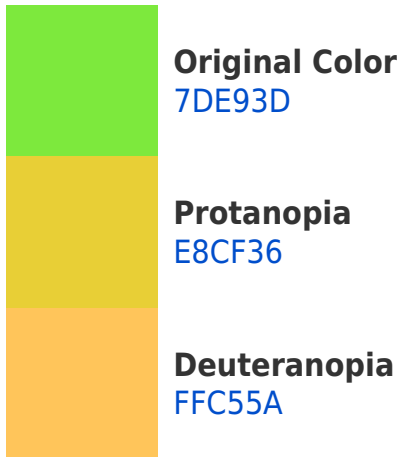


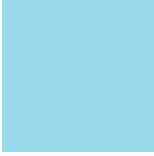
This preview shows how white text looks on a background with the Hex color 7DE93D.

# 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**  
99D9EB

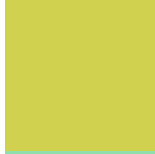
# Trichromacy



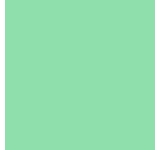
**Original Color**  
7DE93D



**Protanomaly**  
C1D839



**Deuteranomaly**  
D0D24F

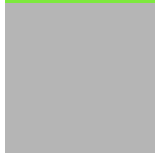


**Tritanomaly**  
8FDFAC

# Monochromacy



**Original Color**  
7DE93D



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
A1C889

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DE93D 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 #7DE93D looks like.

```
.text, #text, p{  
    color:#7DE93D  
}
```

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 #7DE93D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE93D
}
```

## Border

The CSS property to change the border of an element to Hex 7DE93D 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
#7DE93D }
```

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

```
.border{ border-color:#7DE93D }
```

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

Here you see how a box with a 4 pixel #7DE93D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE93D; -webkit-box-shadow:4px 4px  
4px 4px #7DE93D; box-shadow:4px 4px 4px  
4px #7DE93D }
```

# Background

The CSS property to change the background color of an element to Hex 7DE93D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE93D }
```

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

```
.background{ background-color:#7DE93D }
```

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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