

Converting Colors

Hex(7DE128)

Have a look what the booklet for
Hex(7DE128) contains.

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Color

Hex(7DE128)

Conversions

Conversions Part 1

Format	Color
Hex	7DE128
RGB	125, 225, 40
RGB Percent	49%, 88%, 16%
CMY	0.5098, 0.1176, 0.8431
CMYK	0.44, 0.00, 0.82, 0.12
HSL	92°, 76%, 52%
HSV	92°, 82%, 88%
XYZ	35.7657, 58.3636, 11.3877
YIQ	174.0100, -0.2150, -78.7350

Conversions

Conversions Part 2

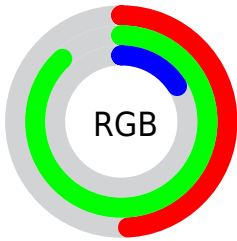
Format	Color
RYB	40, 225, 140
Decimal	8249640
CIELab	80.94, -56.87, 72.91
CIELCh	81, 92.466, 127.955
Yxy	58.3636, 0.3390, 0.5531
Android (android.graphics.Color)	4286439720 (0xFF7DE128)
YUV	174.0100, -66.0669, -42.9818
Hunter-Lab	76.3961, -50.1264, 44.6394

Details

The Hex color **7DE128** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8C28E1**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B9FF67**, and **3EA900** is the 20% darker color. If you saturate the color by 10%, you get **71E112**, and if you desaturate by 10%, it is **89E13F**.

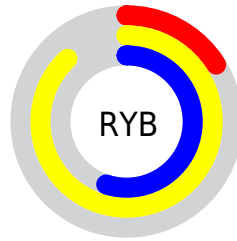
Distribution



Red (49%)

Green (88%)

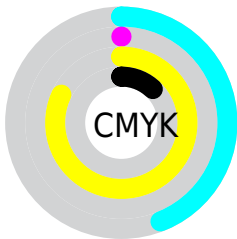
Blue (16%)



Red (16%)

Yellow (88%)

Blue (55%)

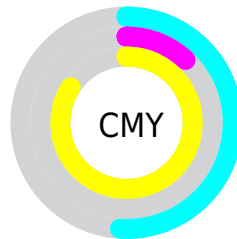


Cyan (44%)

Magenta (0%)

Yellow (82%)

Black (12%)



Cyan (51%)

Magenta (12%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE128 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 7DE128 by changing the saturation by 10% instead.

 7DE128

 7DE128

FFFFFF

 5FC500

 B9FF67

 3EA900

 D7FF84

 118E00

 F5FFA0

 007300

 FFFFBD

 005A00

 FFFFDB

 004100

 FFFFF9

 002A00

 000600

 000000

 7DE128

 7DE128

 71E112

 89E13F

 67E100

 95E155

 A1E16C

 AEE182

 BAE199

 C6E1AF

 D2E1C6

 DEE1DC

 EAE1F3

Harmonies

Analogous

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



DBCD00



7DE128



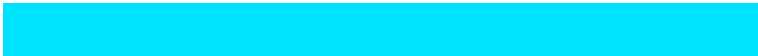
00EC84

Triad

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



7DE128



00E3FF



FF69B6

Complementary

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



7DE128



8C28E1

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.



FF7CFF



7DE128



00CCFF

Square

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



7DE128



00EEFF



E7A7FF



FF8463

Rectangle

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



7DE128



00EFC0



E7A7FF



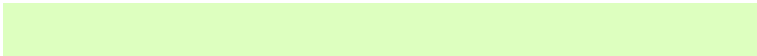
FF6AD3

Sweetspot

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



7DE128



DFFBF



E18B28



6B8059



000000



808080

Same Dimension

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



7DE128



77FF03



28E12E



6A7065



51B000



163000

Inverse Universe

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



8C28E1



8B03FF



E128DB



6B6570



5F00B0



1A0030

Previews

White Background



This preview shows how the Hex color 7DE128 looks on a white background.

Color Contrast Check

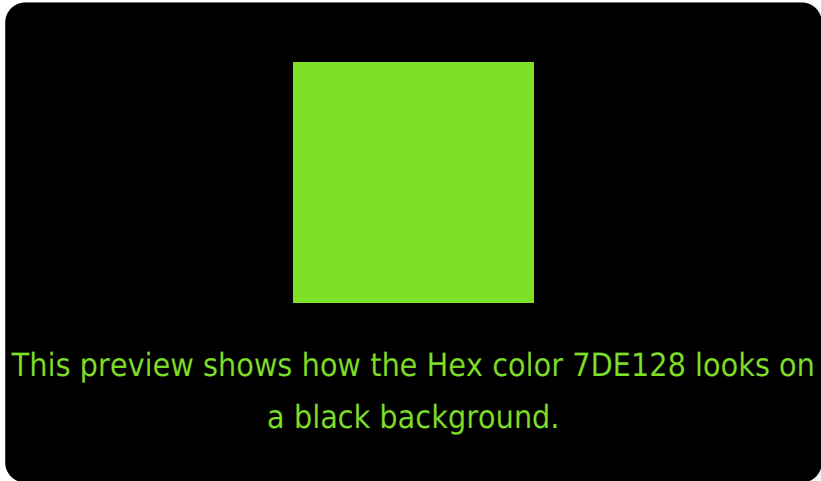
Large Text (above 18pt) WCAG AA × Fail

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 7DE128 Background



This preview shows how black text looks on a background with the Hex color 7DE128.

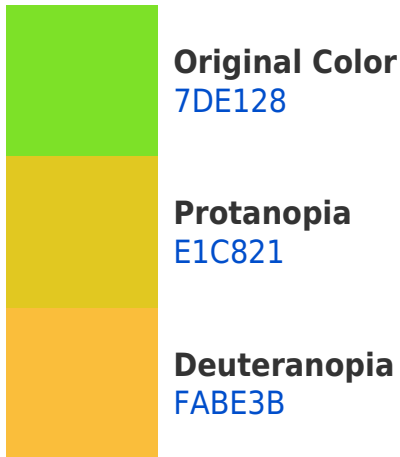


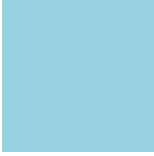
This preview shows how white text looks on a background with the Hex color 7DE128.

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](#).

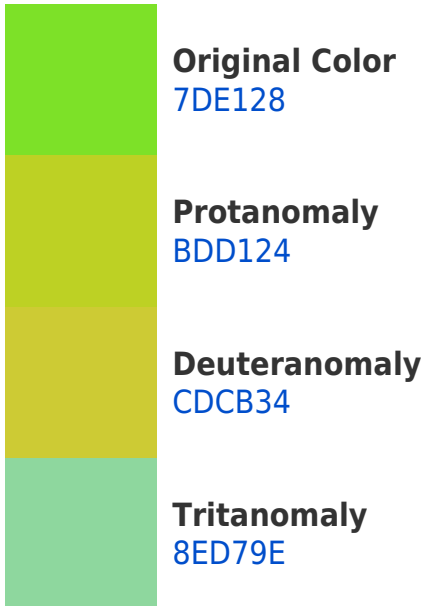
Dichromacy



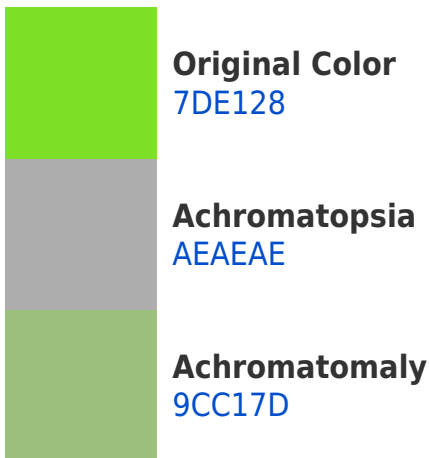


Tritanopia
98D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE128 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 #7DE128 looks like.

```
.text, #text, p{  
    color:#7DE128  
}
```

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 #7DE128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE128
}
```

Border

The CSS property to change the border of an element to Hex 7DE128 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
#7DE128 }
```

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

```
.border{ border-color:#7DE128 }
```

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

Here you see how a box with a 4 pixel #7DE128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE128; -webkit-box-shadow:4px 4px  
4px 4px #7DE128; box-shadow:4px 4px 4px  
4px #7DE128 }
```

Background

The CSS property to change the background color of an element to Hex 7DE128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE128 }
```

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

```
.background{ background-color:#7DE128 }
```

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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