

Converting Colors

Hex(7DE448)

Have a look what the booklet for
Hex(7DE448) contains.

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Color

Hex(7DE448)

Conversions

Conversions Part 1

Format	Color
Hex	7DE448
RGB	125, 228, 72
RGB Percent	49%, 89%, 28%
CMY	0.5098, 0.1059, 0.7176
CMYK	0.45, 0.00, 0.68, 0.11
HSL	100°, 74%, 59%
HSV	100°, 68%, 89%
XYZ	37.3705, 60.3147, 15.8032
YIQ	179.4190, -11.3120, -70.3520

Conversions

Conversions Part 2

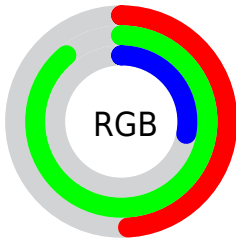
Format	Color
RYB	72, 228, 175
Decimal	8250440
CIELab	82.01, -56.15, 63.88
CIELCh	82, 85.050, 131.320
Yxy	60.3147, 0.3293, 0.5315
Android (android.graphics.Color)	4286440520 (0xFF7DE448)
YUV	179.4190, -52.9576, -47.7255
Hunter-Lab	77.6625, -50.0167, 42.2991

Details

The Hex color **7DE448** 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 **AF48E4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B8FF80**, and **3FAC00** is the 20% darker color. If you saturate the color by 10%, you get **6EE431**, and if you desaturate by 10%, it is **8CE45F**.

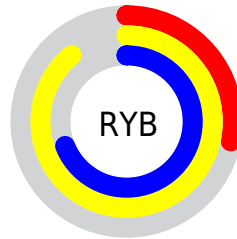
Distribution



Red (49%)

Green (89%)

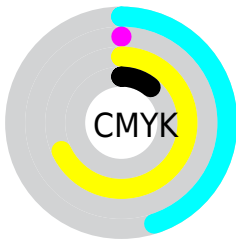
Blue (28%)



Red (28%)

Yellow (89%)

Blue (69%)

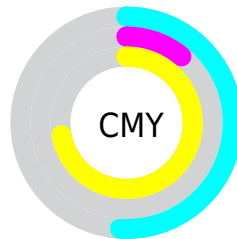


Cyan (45%)

Magenta (0%)

Yellow (68%)

Black (11%)



Cyan (51%)

Magenta (11%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE448 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 7DE448 by changing the saturation by 10% instead.

 7DE448

 7DE448

FFFFFF

 5FC72A

 B8FF80

 3FAC00

 D6FF9C

 169000

 F4FFB8

 007600

 FFFFD5

 005C00

 FFFFF3

 004300

 002D00

 000D00

 000000

 7DE448

 7DE448

 6EE431

 8CE45F

 5FE41A

 9BE476

 50E404

 AAE48C

 4DE400

 B9E4A3

 C8E4BA

 D7E4D1

 E6E4E8

 F5E4FE

 FFE4FF

Harmonies

Analogous

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



D7D200



7DE448



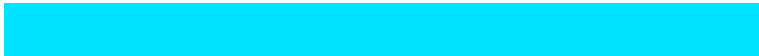
00EE96

Triad

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



7DE448



00E3FF



FF7BB1

Complementary

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



7DE448



AF48E4

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.



FF85FF



7DE448



4ACBFF

Square

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



7DE448



00EEFF



F6A9FF



FF9366

Rectangle

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



7DE448



00F1CD



F6A9FF



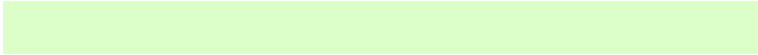
FF7ACC

Sweetspot

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



7DE448



DCFFC9



E4AD48



6A8060



000000



808080

Same Dimension

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



7DE448



75FF2E



48E45F



6B7367



3DB300



113300

Inverse Universe

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



AF48E4



B82EFF



E448CD



6F6773



7600B3



220033

Previews

White Background



This preview shows how the Hex color 7DE448 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 7DE448 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 7DE448 Background



This preview shows how black text looks on a background with the Hex color 7DE448.

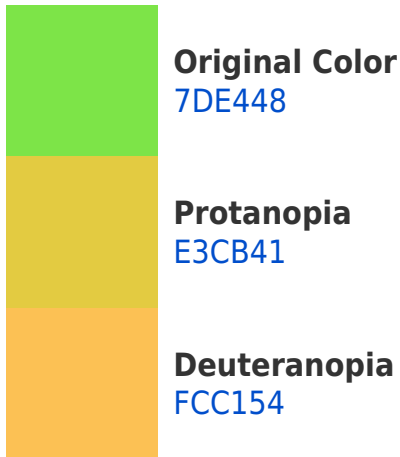


This preview shows how white text looks on a background with the Hex color 7DE448.

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
97D5E6

Trichromacy



Original Color
7DE448



Protanomaly
BED444



Deuteranomaly
CECE50

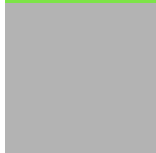


Tritanomaly
8EDAAD

Monochromacy



Original Color
7DE448



Achromatopsia
B3B3B3



Achromatomaly
9FC58C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE448 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 #7DE448 looks like.

```
.text, #text, p{  
    color:#7DE448  
}
```

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 #7DE448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE448
}
```

Border

The CSS property to change the border of an element to Hex 7DE448 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
#7DE448 }
```

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

```
.border{ border-color:#7DE448 }
```

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

Here you see how a box with a 4 pixel #7DE448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE448; -webkit-box-shadow:4px 4px  
4px 4px #7DE448; box-shadow:4px 4px 4px  
4px #7DE448 }
```

Background

The CSS property to change the background color of an element to Hex 7DE448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE448 }
```

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

```
.background{ background-color:#7DE448 }
```

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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