

Converting Colors

Hex(7DD868)

Have a look what the booklet for
Hex(7DD868) contains.

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Color

Hex(7DD868)

Conversions

Conversions Part 1

Format	Color
Hex	7DD868
RGB	125, 216, 104
RGB Percent	49%, 85%, 41%
CMY	0.5098, 0.1529, 0.5922
CMYK	0.42, 0.00, 0.52, 0.15
HSL	109°, 59%, 63%
HSV	109°, 52%, 85%
XYZ	35.5120, 54.4712, 21.7390
YIQ	176.0230, -18.2840, -54.1240

Conversions

Conversions Part 2

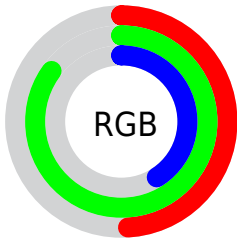
Format	Color
RYB	104, 216, 195
Decimal	8247400
CIELab	78.74, -48.22, 46.44
CIELCh	79, 66.951, 136.076
Yxy	54.4712, 0.3179, 0.4876
Android (android.graphics.Color)	4286437480 (0xFF7DD868)
YUV	176.0230, -35.5073, -44.7472
Hunter-Lab	73.8046, -43.2705, 34.1995

Details

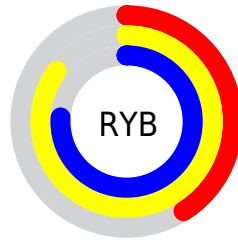
The Hex color **7DD868** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C368D8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B6FF9D**, and **44A034** is the 20% darker color. If you saturate the color by 10%, you get **6BD852**, and if you desaturate by 10%, it is **8FD87E**.

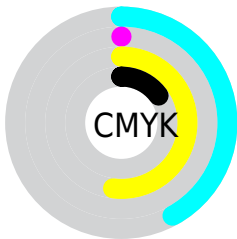
Distribution



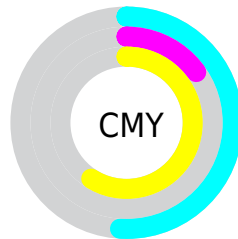
- Red (49%)
- Green (85%)
- Blue (41%)



- Red (41%)
- Yellow (85%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (52%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD868 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 7DD868 by changing the saturation by 10% instead.

 7DD868

 7DD868

FFFFFF

 61BC4E

 B6FF9D

 44A034

 D3FFB9

 238619

 F1FFD5

 006C00

 FFFFF2

 005200

 003A00

 002500

 000000

 7DD868

 7DD868

 6BD852

 8FD87E

 5AD83D

 A0D893

 48D827

 B2D8A9

 37D812

 C3D8BE

 29D800

 D5D8D4

 E6D8EA

 F8D8FF

 FFD8FF

Harmonies

Analogous

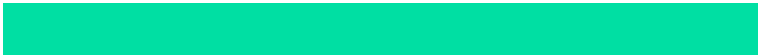
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C5CA41



7DD868



00DFA3

Triad

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



7DD868



00D2FF



FF8CA4

Complementary

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



7DD868



C368D8

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.



FF8FE3



7DD868



90BEFF

Square

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



7DD868



00DDFF



F1A4FF



FF9D6B

Rectangle

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



7DD868



00E1CE



F1A4FF



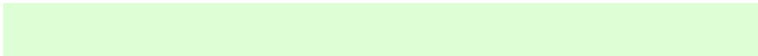
FF8AB9

Sweetspot

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



7DD868



DEFFD6



D8C268



6C8067



000000



808080

Same Dimension

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



7DD868



7FFF61



68D88A



626B60



20AB00



082B00

Inverse Universe

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



C368D8



E161FF



D868B6



69606B



8B00AB



23002B

Previews

White Background



This preview shows how the Hex color 7DD868 looks on a white background.

Color Contrast Check

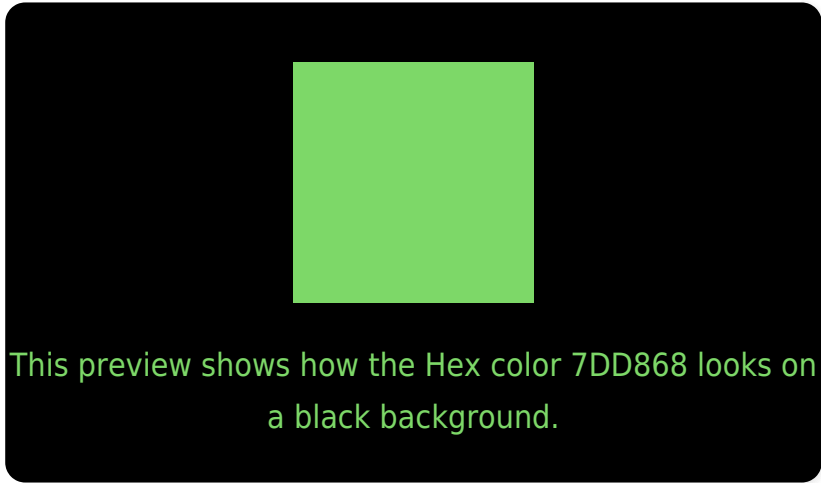
Large Text (above 18pt) WCAG AA × Fail

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 7DD868 Background



This preview shows how black text looks on a background with the Hex color 7DD868.

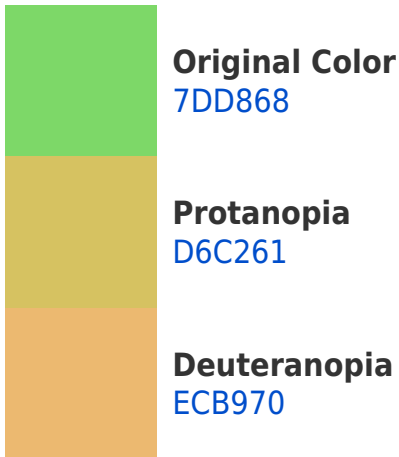


This preview shows how white text looks on a background with the Hex color 7DD868.

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](#).

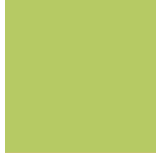
Dichromacy



Trichromacy



Original Color
7DD868



Protanomaly
B6CA64



Deuteranomaly
C4C46D

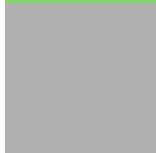


Tritanomaly
8AD0B2

Monochromacy



Original Color
7DD868



Achromatopsia
B0B0B0



Achromatomaly
9DBF96

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD868 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 #7DD868 looks like.

```
.text, #text, p{  
    color:#7DD868  
}
```

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 #7DD868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD868
}
```

Border

The CSS property to change the border of an element to Hex 7DD868 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
#7DD868 }
```

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

```
.border{ border-color:#7DD868 }
```

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

Here you see how a box with a 4 pixel #7DD868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD868; -webkit-box-shadow:4px 4px  
4px 4px #7DD868; box-shadow:4px 4px 4px  
4px #7DD868 }
```

Background

The CSS property to change the background color of an element to Hex 7DD868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD868 }
```

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

```
.background{ background-color:#7DD868 }
```

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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