

Converting Colors

Hex(7DD184)

Have a look what the booklet for
Hex(7DD184) contains.

Hex(7DD184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DD184)

Conversions

Conversions Part 1

Format	Color
Hex	7DD184
RGB	125, 209, 132
RGB Percent	49%, 82%, 52%
CMY	0.5098, 0.1804, 0.4824
CMYK	0.40, 0.00, 0.37, 0.18
HSL	125°, 48%, 65%
HSV	125°, 40%, 82%
XYZ	35.4228, 51.6268, 29.9278
YIQ	175.1060, -25.3470, -41.7550

Conversions

Conversions Part 2

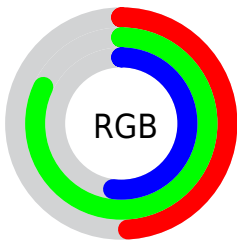
Format	Color
RYB	125, 203, 209
Decimal	8245636
CIELab	77.06, -41.29, 30.41
CIELCh	77, 51.277, 143.631
Yxy	51.6268, 0.3028, 0.4413
Android (android.graphics.Color)	4286435716 (0xFF7DD184)
YUV	175.1060, -21.2513, -43.9430
Hunter-Lab	71.8518, -37.7406, 25.6007

Details

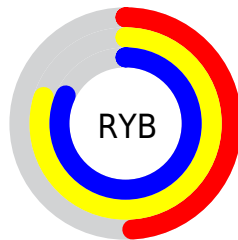
The Hex color **7DD184** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D17DCA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B5FFBA**, and **469A51** is the 20% darker color. If you saturate the color by 10%, you get **68D171**, and if you desaturate by 10%, it is **92D197**.

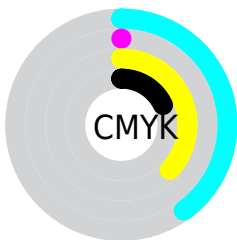
Distribution



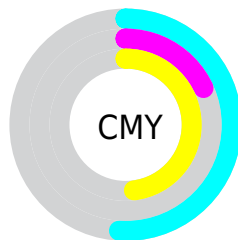
- Red (49%)
- Green (82%)
- Blue (52%)



- Red (49%)
- Yellow (80%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD184 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 7DD184 by changing the saturation by 10% instead.

 7DD184

 7DD184

FFFFFF

 62B56A

 B5FFBA

 469A51

 D1FFD6

 297F39

 EFFFF2

 006622

 004D0A

 003500

 002000

 000000

 7DD184

 7DD184

 68D171

 92D197

 53D15E

 A7D1AA

 3ED14B

 BCD1BD

 29D137

 D1D1D1

 14D124

 E6D1E4

 00D111

 FAD1F7

 FFD1FF

Harmonies

Analogous

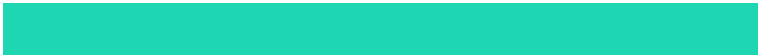
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B6C764



7DD184



1ED6B2

Triad

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



7DD184



54C6FF



FF9A9B

Complementary

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



7DD184



D17DCA

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.



FF98CA



7DD184



B3B6FF

Square

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



7DD184



00D1FF



F0A4F7



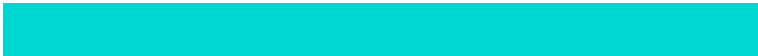
FFA773

Rectangle

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



7DD184



00D7D3



F0A4F7



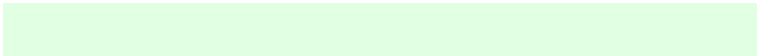
FF97AA

Sweetspot

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



7DD184



E0FFE3



CAD17D



6E806F



000000



808080

Same Dimension

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



7DD184



85FF8F



7DD1AE



5E695F



00A80E



002903

Inverse Universe

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



D17DCA



FF85F5



D17DA0



695E68



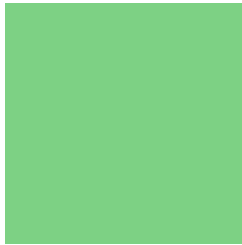
A8009A



290025

Previews

White Background



This preview shows how the Hex color 7DD184 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 7DD184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

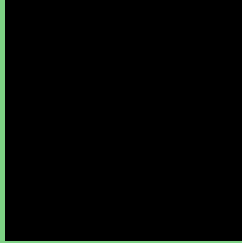
Any Text WCAG AA ✓ Pass

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 7DD184 Background



This preview shows how black text looks on a background with the Hex color 7DD184.

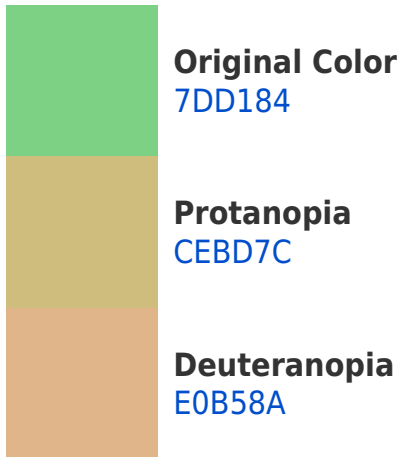


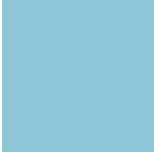
This preview shows how white text looks on a background with the Hex color 7DD184.

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
8EC7D7

Trichromacy



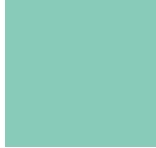
Original Color
7DD184



Protanomaly
B1C47F



Deuteranomaly
BCBF88



Tritanomaly
88CBB9

Monochromacy



Original Color
7DD184



Achromatopsia
AFAFAF



Achromatomaly
9DBB9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD184 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 #7DD184 looks like.

```
.text, #text, p{  
    color:#7DD184  
}
```

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 #7DD184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD184
}
```

Border

The CSS property to change the border of an element to Hex 7DD184 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
#7DD184 }
```

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

```
.border{ border-color:#7DD184 }
```

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

Here you see how a box with a 4 pixel #7DD184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD184; -webkit-box-shadow:4px 4px  
4px 4px #7DD184; box-shadow:4px 4px 4px  
4px #7DD184 }
```

Background

The CSS property to change the background color of an element to Hex 7DD184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD184 }
```

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

```
.background{ background-color:#7DD184 }
```

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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