

Converting Colors

Hex(4DD271)

Have a look what the booklet for
Hex(4DD271) contains.

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Color

Hex(4DD271)

Conversions

Conversions Part 1

Format	Color
Hex	4DD271
RGB	77, 210, 113
RGB Percent	30%, 82%, 44%
CMY	0.6980, 0.1765, 0.5569
CMYK	0.63, 0.00, 0.46, 0.18
HSL	136°, 60%, 56%
HSV	136°, 63%, 82%
XYZ	29.0878, 48.8632, 23.5212
YIQ	159.1750, -48.1310, -58.3630

Conversions

Conversions Part 2

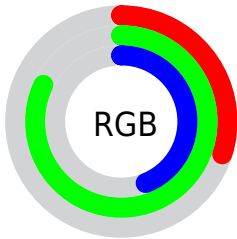
Format	Color
RYB	77, 182, 210
Decimal	5100145
CIELab	75.37, -56.87, 37.52
CIELCh	75, 68.137, 146.584
Yxy	48.8632, 0.2867, 0.4815
Android (android.graphics.Color)	4283290225 (0xFF4DD271)
YUV	159.1750, -22.7643, -72.0675
Hunter-Lab	69.9022, -48.0513, 28.9812

Details

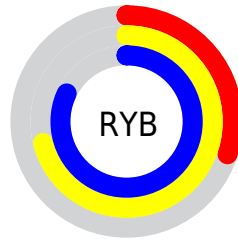
The Hex color **4DD271** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D24DAE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8BFFA6**, and **009A3F** is the 20% darker color. If you saturate the color by 10%, you get **38D262**, and if you desaturate by 10%, it is **62D280**.

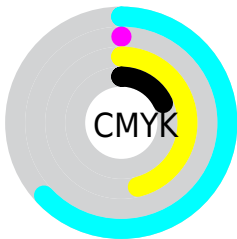
Distribution



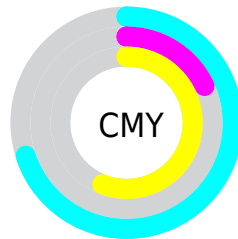
- Red (30%)
- Green (82%)
- Blue (44%)



- Red (30%)
- Yellow (71%)
- Blue (82%)



- Cyan (63%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (70%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DD271 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 4DD271 by changing the saturation by 10% instead.

 4DD271

 4DD271

FFFFFF

 28B658

 8BFFA6

 009A3F

 A8FFC2

 007F26

 C6FFDE

 00650B

 E4FFFB

 004C00

 003400

 001B00

 000000

 4DD271

 4DD271

 38D262

 62D280

 23D252

 77D290

 0ED243

 8CD29F

 00D239

 A1D2AE

 B6D2BE

 CBD2CD

 E0D2DC

 F5D2EC

 FFD2FB

Harmonies

Analogous

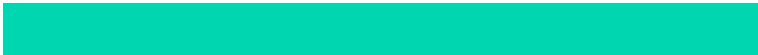
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4C73F



4DD271



00D7B0

Triad

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



4DD271



00C3FF



FF8585

Complementary

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



4DD271



D24DAE

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.



FF80C4



4DD271



AEACFF

Square

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



4DD271



00D1FF



FF91FF



FF9C50

Rectangle

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



4DD271



00D8DC



FF91FF



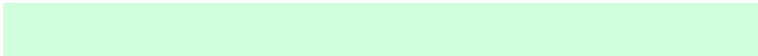
FF8199

Sweetspot

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



4DD271



CFFFDC



AFD24D



62806A



000000



808080

Same Dimension

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



4DD271



3DFF72



4DD2B3



5E6961



00A82E



00290B

Inverse Universe

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



D24DAE



FF3DCB



D24D6C



695E66



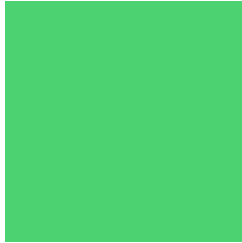
A8007B



29001E

Previews

White Background



This preview shows how the Hex color 4DD271 looks on a white background.

Color Contrast Check

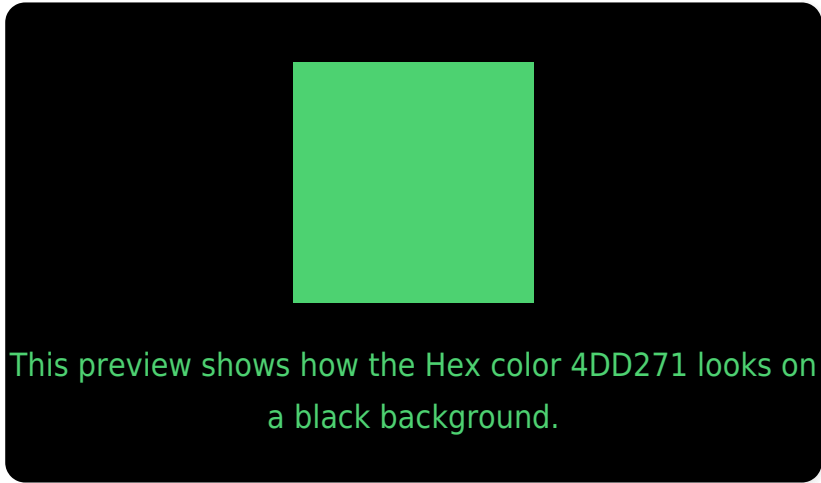
Large Text (above 18pt) WCAG AA × Fail

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

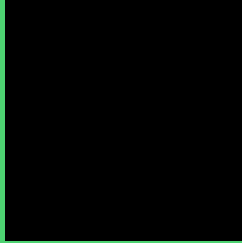
Any Text WCAG AA ✓ Pass

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 4DD271 Background



This preview shows how black text looks on a background with the Hex color 4DD271.

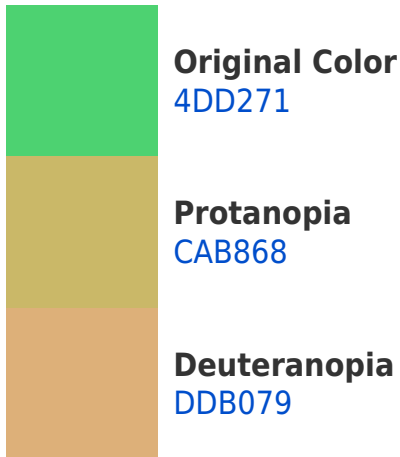


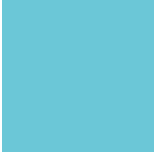
This preview shows how white text looks on a background with the Hex color 4DD271.

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](#).

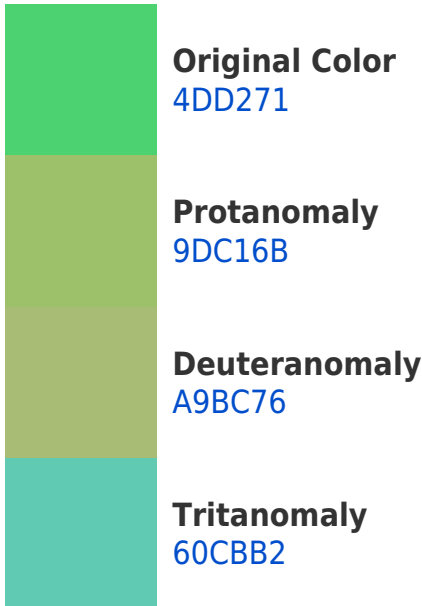
Dichromacy



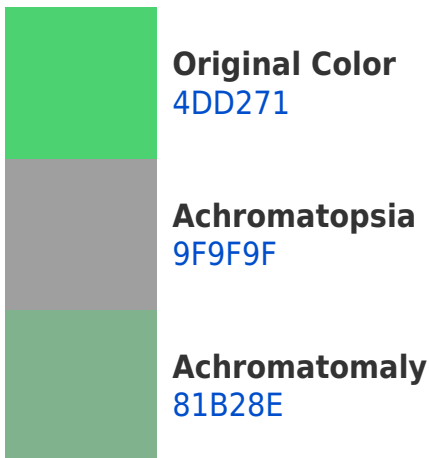


Tritanopia
6BC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD271 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 #4DD271 looks like.

```
.text, #text, p{  
    color:#4DD271  
}
```

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 #4DD271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD271
}
```

Border

The CSS property to change the border of an element to Hex 4DD271 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
#4DD271 }
```

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

```
.border{ border-color:#4DD271 }
```

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

Here you see how a box with a 4 pixel #4DD271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD271; -webkit-box-shadow:4px 4px  
4px 4px #4DD271; box-shadow:4px 4px 4px  
4px #4DD271 }
```

Background

The CSS property to change the background color of an element to Hex 4DD271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD271 }
```

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

```
.background{ background-color:#4DD271 }
```

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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