

Converting Colors

Hex(4DD364)

Have a look what the booklet for
Hex(4DD364) contains.

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Color

Hex(4DD364)

Conversions

Conversions Part 1

Format	Color
Hex	4DD364
RGB	77, 211, 100
RGB Percent	30%, 83%, 39%
CMY	0.6980, 0.1725, 0.6078
CMYK	0.64, 0.00, 0.53, 0.17
HSL	130°, 60%, 56%
HSV	130°, 64%, 83%
XYZ	28.6551, 49.0864, 20.0209
YIQ	158.2800, -44.2330, -62.9290

Conversions

Conversions Part 2

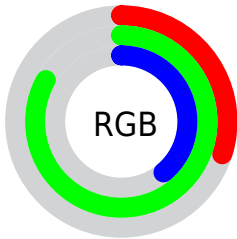
Format	Color
RYB	77, 191, 211
Decimal	5100388
CIELab	75.51, -59.15, 44.04
CIElCh	76, 73.744, 143.332
Yxy	49.0864, 0.2931, 0.5021
Android (android.graphics.Color)	4283290468 (0xFF4DD364)
YUV	158.2800, -28.7320, -71.2826
Hunter-Lab	70.0617, -49.6018, 32.1004

Details

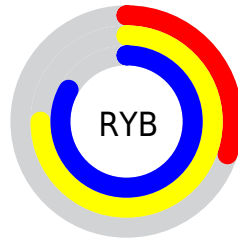
The Hex color **4DD364** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D34DBC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8BFF99**, and **009B31** is the 20% darker color. If you saturate the color by 10%, you get **38D353**, and if you desaturate by 10%, it is **62D375**.

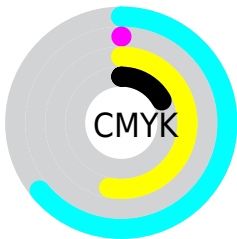
Distribution



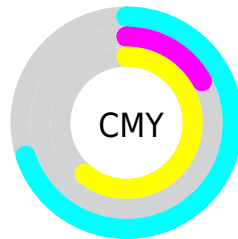
- Red (30%)
- Green (83%)
- Blue (39%)



- Red (30%)
- Yellow (75%)
- Blue (83%)



- Cyan (64%)
- Magenta (0%)
- Yellow (53%)
- Black (17%)



- Cyan (70%)
- Magenta (17%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DD364 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 4DD364 by changing the saturation by 10% instead.

 4DD364

 4DD364

FFFFFF

 27B74A

 8BFF99

 009B31

 A9FFB5

 008015

 C7FFD1

 006600

 E5FFED

 004D00

 003500

 001C00

 000000

 4DD364

 4DD364

 38D353

 62D375

 23D341

 77D387

 0ED330

 8CD398

 00D324

 A1D3AA

 B7D3BB

 CCD3CD

 E1D3DE

 F6D3F0

 FFD3FF

Harmonies

Analogous

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



A9C62C



4DD364



00D9A8

Triad

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



4DD364



00C6FF



FF7D88

Complementary

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



4DD364



D34DBC

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.



FF7ACC



4DD364



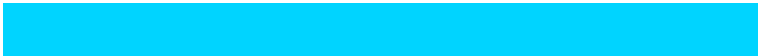
9EAEFF

Square

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



4DD364



00D4FF



FE90FF



FF964D

Rectangle

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



4DD364



00DAD7



FE90FF



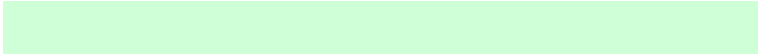
FF799E

Sweetspot

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



4DD364



CFFFD7



BDD34D



628067



000000



808080

Same Dimension

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



4DD364



3DFF5E



4DD3A6



5E6960



00A81D



002907

Inverse Universe

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



D34DBC



FF3DDE



D34D7A



695E67



A8008B



290022

Previews

White Background



This preview shows how the Hex color 4DD364 looks on a white background.

Color Contrast Check

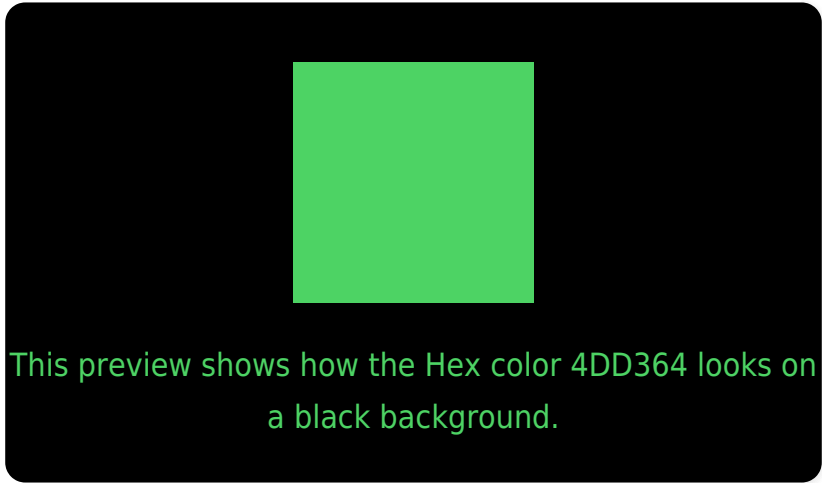
Large Text (above 18pt) WCAG AA × Fail

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 4DD364 Background



This preview shows how black text looks on a background with the Hex color 4DD364.

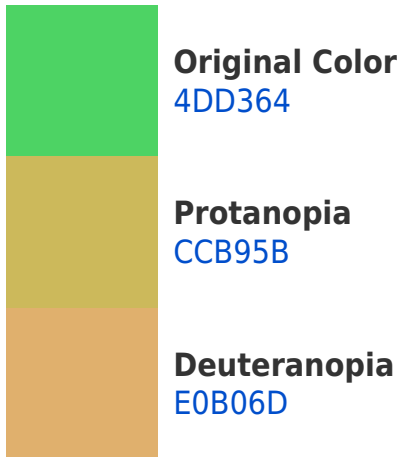


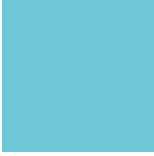
This preview shows how white text looks on a background with the Hex color 4DD364.

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
6DC7D7

Trichromacy



Original Color
4DD364



Protanomaly
9EC25E



Deuteranomaly
ABBD6A



Tritanomaly
61CBAD

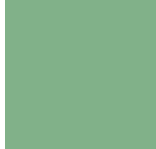
Monochromacy



Original Color
4DD364



Achromatopsia
9E9E9E



Achromatomaly
81B189

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD364 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 #4DD364 looks like.

```
.text, #text, p{  
    color:#4DD364  
}
```

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 #4DD364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD364
}
```

Border

The CSS property to change the border of an element to Hex 4DD364 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
#4DD364 }
```

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

```
.border{ border-color:#4DD364 }
```

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

Here you see how a box with a 4 pixel #4DD364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD364; -webkit-box-shadow:4px 4px  
4px 4px #4DD364; box-shadow:4px 4px 4px  
4px #4DD364 }
```

Background

The CSS property to change the background color of an element to Hex 4DD364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD364 }
```

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

```
.background{ background-color:#4DD364 }
```

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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