

Converting Colors

Hex(4DD32C)

Have a look what the booklet for
Hex(4DD32C) contains.

Hex(4DD32C)	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(4DD32C)

Conversions

Conversions Part 1

Format	Color
Hex	4DD32C
RGB	77, 211, 44
RGB Percent	30%, 83%, 17%
CMY	0.6980, 0.1725, 0.8275
CMYK	0.64, 0.00, 0.79, 0.17
HSL	108°, 65%, 50%
HSV	108°, 79%, 83%
XYZ	26.8095, 48.3482, 10.3020
YIQ	151.8960, -26.2570, -80.3450

Conversions

Conversions Part 2

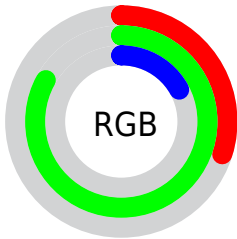
Format	Color
R _Y B	44, 211, 178
Decimal	5100332
CIE Lab	75.04, -64.52, 65.84
CIE LCh	75, 92.183, 134.422
Yxy	48.3482, 0.3137, 0.5657
Android (android.graphics.Color)	4283290412 (0xFF4DD32C)
YUV	151.8960, -53.1927, -65.6838
Hunter-Lab	69.5328, -52.8591, 39.8886

Details

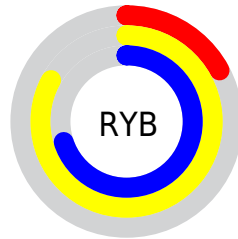
The Hex color **4DD32C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **B22CD3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8DFF67**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **3CD317**, and if you desaturate by 10%, it is **5ED341**.

Distribution



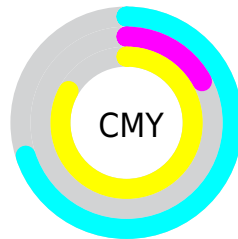
- Red (30%)
- Green (83%)
- Blue (17%)



- Red (17%)
- Yellow (83%)
- Blue (70%)



- Cyan (64%)
- Magenta (0%)
- Yellow (79%)
- Black (17%)



- Cyan (70%)
- Magenta (17%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DD32C 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 4DD32C by changing the saturation by 10% instead.

 4DD32C

 4DD32C

FFFFFF

 24B700

 8DFF67

 009B00

 ACFF83

 008000

 CAFFA0

 006600

 E9FFBC

 004C00

 FFFFD9

 003500

 FFFFF7

 001A00

 000000

 4DD32C

 4DD32C

 3CD317


 5ED341

 2BD302

 6FD356

 2AD300

 80D36B

 91D380

 A2D396

 B3D3AB

 C4D3C0

 D4D3D5

 E5D3EA

Harmonies

Analogous

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



B8C200



4DD32C



00DC88

Triad

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



4DD32C



00CFFF



FF5894

Complementary

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



4DD32C



B22CD3

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.



FF61E9



4DD32C



19B5FF

Square

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



4DD32C



00DBFF



EE8DFF



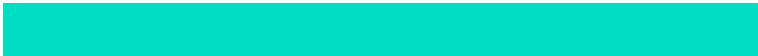
FF7C43

Rectangle

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



4DD32C



00DEC3



EE8DFF



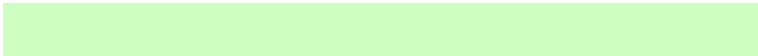
FF54B0

Sweetspot

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



4DD32C



CEFFC2



D3B22C



62805B



000000



808080

Same Dimension

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



4DD32C



3DFF0D



2CD35E



60695E



21A800



082900

Inverse Universe

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



B22CD3



CF0DFF



D32CA1



665E69



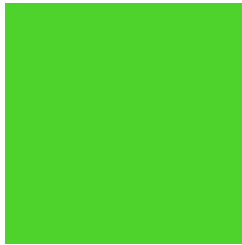
8700A8



210029

Previews

White Background



This preview shows how the Hex color 4DD32C looks on a white background.

Color Contrast Check

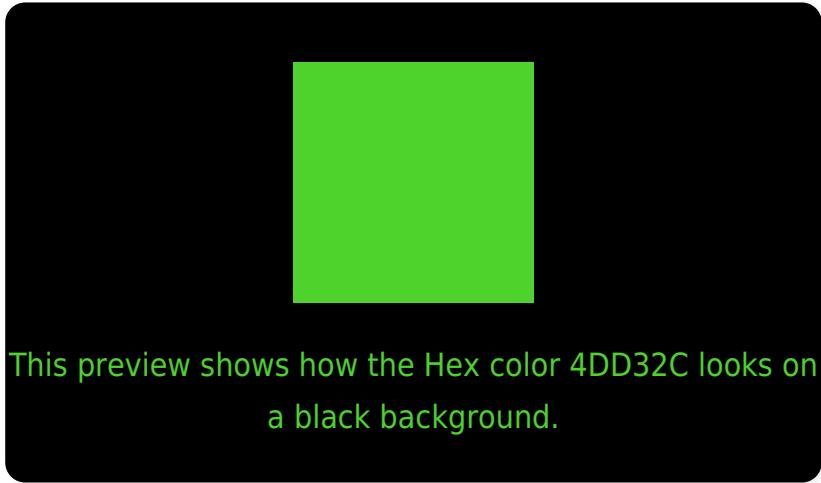
Large Text (above 18pt) WCAG AA × Fail

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

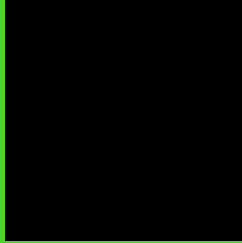
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

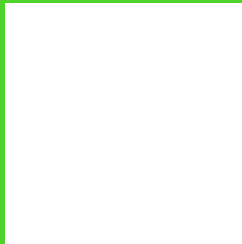
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4DD32C Background



This preview shows how black text looks on a background with the Hex color 4DD32C.

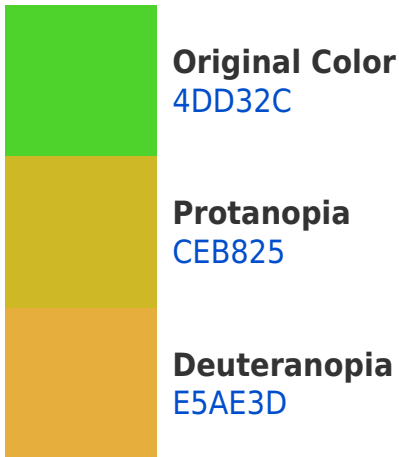


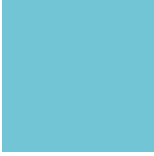
This preview shows how white text looks on a background with the Hex color 4DD32C.

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](#).

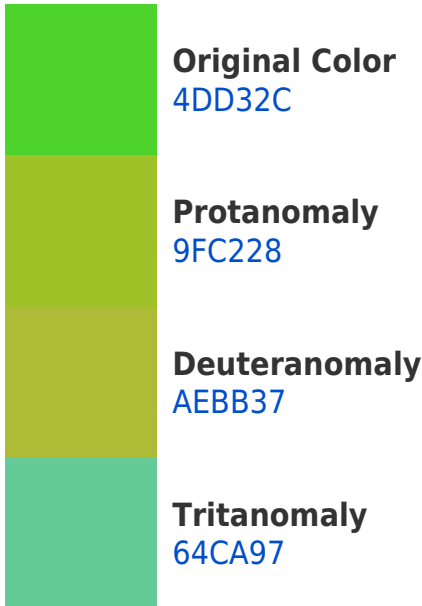
Dichromacy



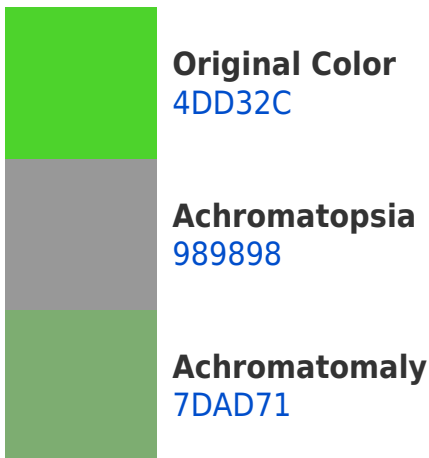


Tritanopia
71C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD32C 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 #4DD32C looks like.

```
.text, #text, p{  
    color:#4DD32C  
}
```

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 #4DD32C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD32C
}
```

Border

The CSS property to change the border of an element to Hex 4DD32C 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
#4DD32C }
```

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

```
.border{ border-color:#4DD32C }
```

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

Here you see how a box with a 4 pixel #4DD32C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD32C; -webkit-box-shadow:4px 4px  
4px 4px #4DD32C; box-shadow:4px 4px 4px  
4px #4DD32C }
```

Background

The CSS property to change the background color of an element to Hex 4DD32C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD32C }
```

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

```
.background{ background-color:#4DD32C }
```

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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