

Converting Colors

Hex(44D433)

Have a look what the booklet for
Hex(44D433) contains.

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Color

Hex(44D433)

Conversions

Conversions Part 1

Format	Color
Hex	44D433
RGB	68, 212, 51
RGB Percent	27%, 83%, 20%
CMY	0.7333, 0.1686, 0.8000
CMYK	0.68, 0.00, 0.76, 0.17
HSL	114°, 65%, 52%
HSV	114°, 76%, 83%
XYZ	26.5249, 48.5549, 11.1060
YIQ	150.5900, -34.1430, -80.5990

Conversions

Conversions Part 2

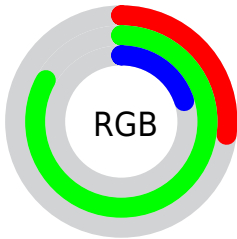
Format	Color
RYB	51, 212, 195
Decimal	4510771
CIELab	75.17, -66.24, 63.75
CIELCh	75, 91.937, 136.100
Yxy	48.5549, 0.3078, 0.5634
Android (android.graphics.Color)	4282700851 (0xFF44D433)
YUV	150.5900, -49.0979, -72.4314
Hunter-Lab	69.6814, -53.9945, 39.3272

Details

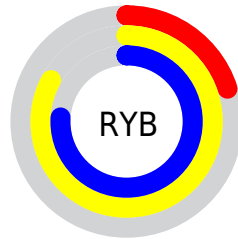
The Hex color **44D433** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C333D4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **86FF6D**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **31D41E**, and if you desaturate by 10%, it is **57D448**.

Distribution



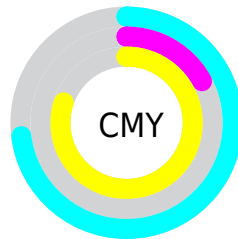
- Red (27%)
- Green (83%)
- Blue (20%)



- Red (20%)
- Yellow (83%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (76%)
- Black (17%)



- Cyan (73%)
- Magenta (17%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Hex color 44D433 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 44D433 by changing the saturation by 10% instead.

 44D433

 44D433

FFFFFF

 11B80B

 86FF6D

 009C00

 A5FF88

 008100

 C4FFA5

 006600

 E3FFC1

 004D00

 FFFFDE

 003600

 FFFFFC

 001B00

 000000

 44D433

 44D433

 31D41E

 57D448

 1ED409

 6AD45D

 16D400

 7DD473

 90D488

 A3D49D

 B6D4B2

 C9D4C7

 DCD4DD

 EFD4F2

Harmonies

Analogous

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



B4C300



44D433



00DC8D

Triad

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



44D433



00CEFF



FF5A90

Complementary

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



44D433



C333D4

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.



FF60E4



44D433



42B4FF

Square

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



44D433



00DBFF



F48BFF



FF7F3F

Rectangle

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



44D433



00DFC9



F48BFF



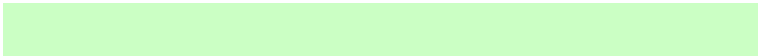
FF55AC

Sweetspot

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



44D433



CBFFC4



D4C133



60805C



000000



808080

Same Dimension

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



44D433



2FFF17



33D471



626B60



12AB00



052B00

Inverse Universe

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



C333D4



E617FF



D43396



6A606B



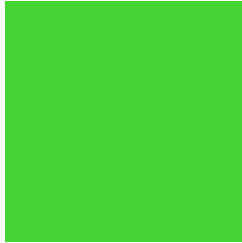
9900AB



27002B

Previews

White Background



This preview shows how the Hex color 44D433 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 44D433 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 44D433 Background



This preview shows how black text looks on a background with the Hex color 44D433.

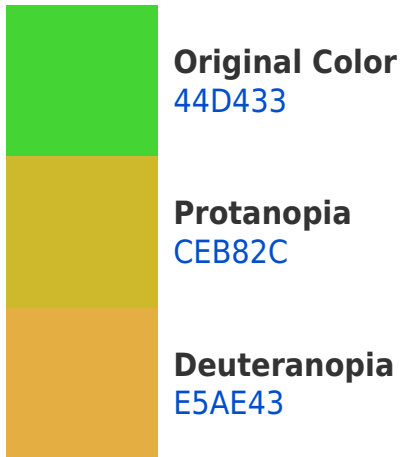


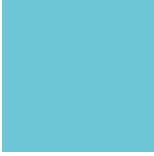
This preview shows how white text looks on a background with the Hex color 44D433.

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
6CC6D6

Trichromacy



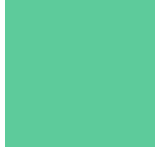
Original Color
44D433



Protanomaly
9CC22F



Deuteranomaly
AABC3D



Tritanomaly
5DCB9B

Monochromacy



Original Color
44D433



Achromatopsia
979797



Achromatomaly
79AD73

CSS Examples

Text

The CSS property to change the color of the text to Hex 44D433 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 #44D433 looks like.

```
.text, #text, p{  
    color:#44D433  
}
```

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 #44D433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D433
}
```

Border

The CSS property to change the border of an element to Hex 44D433 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
#44D433 }
```

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

```
.border{ border-color:#44D433 }
```

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

Here you see how a box with a 4 pixel #44D433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D433; -webkit-box-shadow:4px 4px  
4px 4px #44D433; box-shadow:4px 4px 4px  
4px #44D433 }
```

Background

The CSS property to change the background color of an element to Hex 44D433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D433 }
```

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

```
.background{ background-color:#44D433 }
```

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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