

# Converting Colors

Hex(52D400)

Have a look what the booklet for  
Hex(52D400) contains.

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**Color**

**Hex(52D400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52D400
RGB	82, 212, 0
RGB Percent	32%, 83%, 0%
CMY	0.6784, 0.1686, 1.0000
CMYK	0.61, 0.00, 1.00, 0.17
HSL	97°, 100%, 42%
HSV	97°, 100%, 83%
XYZ	27.0232, 48.8808, 8.0107
YIQ	148.9620, -9.4280, -93.4920

# Conversions

## Conversions Part 2

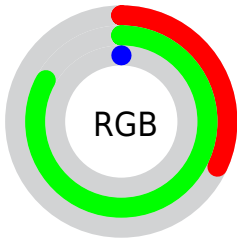
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 212, 130
Decimal	5428224
CIELab	75.38, -65.09, 73.74
CIELCh	75, 98.359, 131.433
Yxy	48.8808, 0.3220, 0.5825
Android (android.graphics.Color)	4283618304 (0xFF52D400)
YUV	148.9620, -73.4383, -58.7257
Hunter-Lab	69.9148, -53.3579, 42.1471

# Details

The Hex color **52D400** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8200D4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **92FF54**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **52D400**, and if you desaturate by 10%, it is **5FD415**.

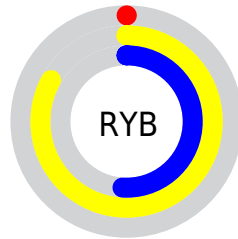
# Distribution



Red (32%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (51%)

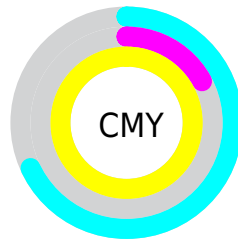


Cyan (61%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (68%)

Magenta (17%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52D400 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 52D400 by changing the saturation by 10% instead.



 52D400

 52D400

FFFFFF

 2BB800

 92FF54

 009C00

 B1FF71

 008100

 CFFF8E

 006700

 EEFFAB

 004D00

 FFFFC8

 003600

 FFFF E5

 001B00

 000000

 52D400

 5FD415

 6CD42A

 79D440

 86D455

 93D46A

 A0D47F

 ADD494

 BAD4AA

 C7D4BF

# Harmonies

## Analogous

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



C0C100



52D400



00DE7C

# Triad

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



52D400



00D4FF



FF479B

# Complementary

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



52D400



8200D4

# 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.



FF5BF6



52D400



00BAFF

# Square

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



52D400



00DFFF



E68FFF



FF7244

# Rectangle

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



52D400



00E1BC



E68FFF



FF45B9

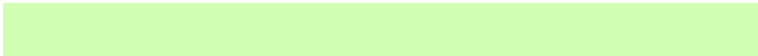


# Sweetspot

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



52D400



D0FFB3



D47F00



638052



000000



808080



# Same Dimension

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



52D400



63FF00



00D415



656B60



42AB00



112B00



# Inverse Universe

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



8200D4



9C00FF



D400BF



67606B



6900AB

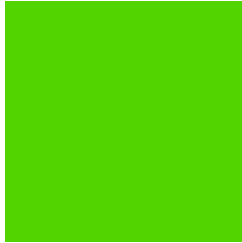


1B002B



# Previews

## White Background



This preview shows how the Hex color 52D400 looks on a white background.

## Color Contrast Check

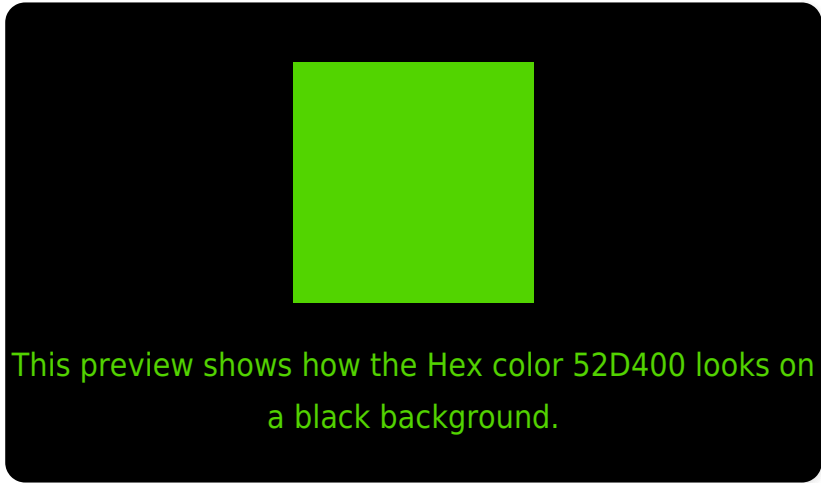
Large Text (above 18pt) WCAG AA × Fail

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

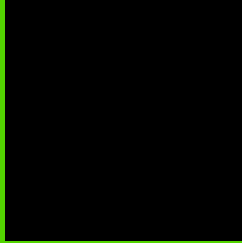
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52D400 Background



This preview shows how black text looks on a background with the Hex color 52D400.

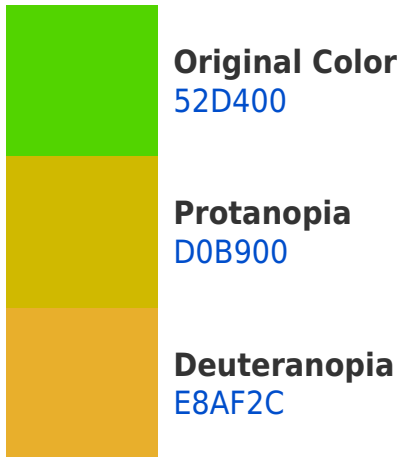


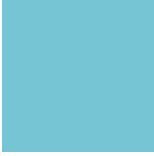
This preview shows how white text looks on a background with the Hex color 52D400.

# 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](#).

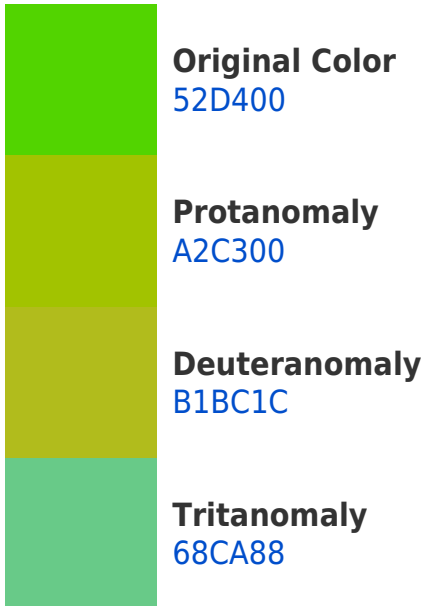
## Dichromacy



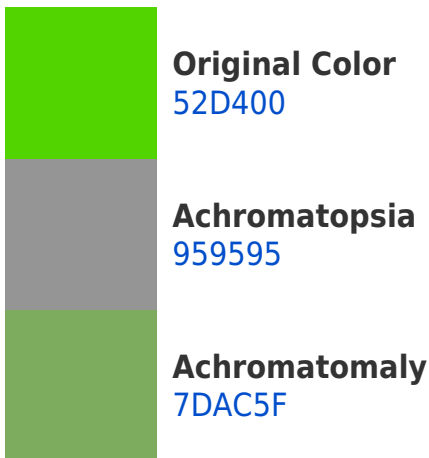


**Tritanopia**  
75C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52D400 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 #52D400 looks like.

```
.text, #text, p{  
    color:#52D400  
}
```

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 #52D400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D400
}
```

## Border

The CSS property to change the border of an element to Hex 52D400 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
#52D400 }
```

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

```
.border{ border-color:#52D400 }
```

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

Here you see how a box with a 4 pixel #52D400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D400; -webkit-box-shadow:4px 4px  
4px 4px #52D400; box-shadow:4px 4px 4px  
4px #52D400 }
```

# Background

The CSS property to change the background color of an element to Hex 52D400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D400 }
```

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

```
.background{ background-color:#52D400 }
```

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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