

# Converting Colors

Decimal(54321)

Have a look what the booklet for  
Decimal(54321) contains.

<b>Decimal(54321)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(54321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D431
RGB	0, 212, 49
RGB Percent	0%, 83%, 19%
CMY	1.0000, 0.1686, 0.8078
CMYK	1.00, 0.00, 0.77, 0.17
HSL	134°, 100%, 42%
HSV	134°, 100%, 83%
XYZ	24.0979, 47.3087, 10.7671
YIQ	130.0300, -74.0290, -95.6370

# Conversions

## Conversions Part 2

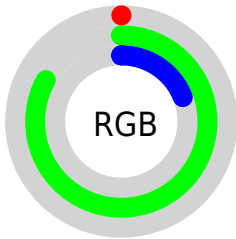
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 172, 212
Decimal	54321
CIELab	74.39, -73.14, 63.35
CIELCh	74, 96.763, 139.101
Yxy	47.3087, 0.2933, 0.5757
Android (android.graphics.Color)	4278244401 (0xFF00D431)
YUV	130.0300, -39.9478, -114.0363
Hunter-Lab	68.7813, -57.8290, 38.8656

# Details

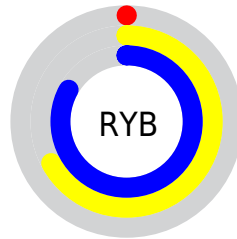
The Decimal color **54321** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **13893795**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **7012203**, and **39936** is the 20% darker color. If you saturate the color by 10%, you get **54321**, and if you desaturate by 10%, it is **1430593**.

# Distribution



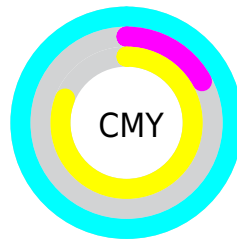
- Red (0%)
- Green (83%)
- Blue (19%)



- Red (0%)
- Yellow (67%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (17%)














- Cyan (100%)
- Magenta (17%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 54321 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 Decimal color 54321 by changing the saturation by 10% instead.



 54321	 54321
 16777215	 46855
 7012203	 39936
 9240455	 32768
 11337635	 26112
 13369279	 19456
 15400924	 13056
 16777210	 6144
	 0

 54321

 1430593

 2806866


 4248674

 5624946

 7001219

 8377491

 9753763

 11195571

 12571844

# Harmonies

## Analogous

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



10994688



54321



56466

# Triad

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



54321



52223



16732035

# Complementary

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



54321



13893795

# 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.



16732123



54321



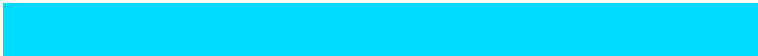
5549823

# Square

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



54321



56063



16744703



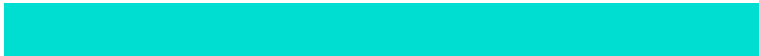
16743723

# Rectangle

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



54321



57041



16744703



16729760

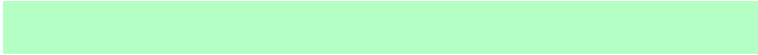


# Sweetspot

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



54321



11796420



10933248



5406812



0



8421504



# Same Dimension

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



54321



65339



54424



6318947



43815



11018



# Inverse Universe

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



13893795



16711876



13893692



7037033



11206787

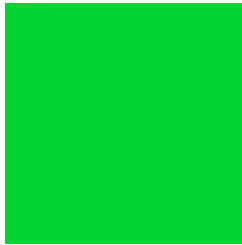


2818081



# Previews

## White Background



This preview shows how the Decimal color 54321 looks on a white background.

## Color Contrast Check

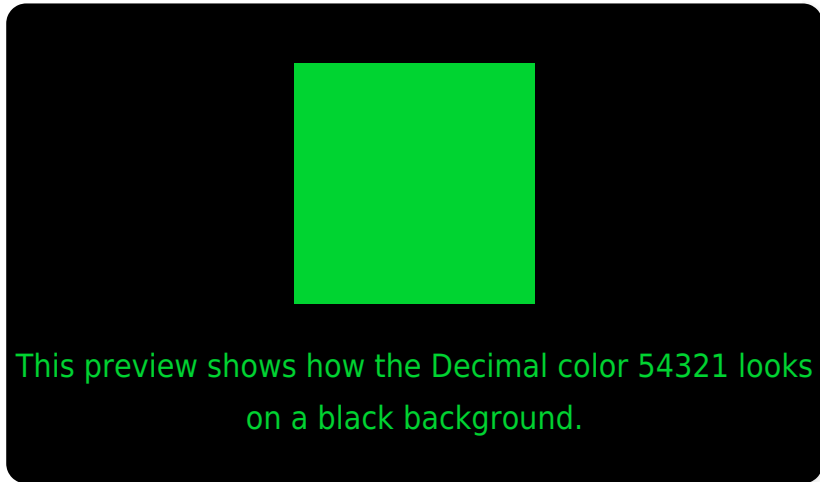
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Decimal 54321 Background



This preview shows how black text looks on a background with the Decimal color 54321.

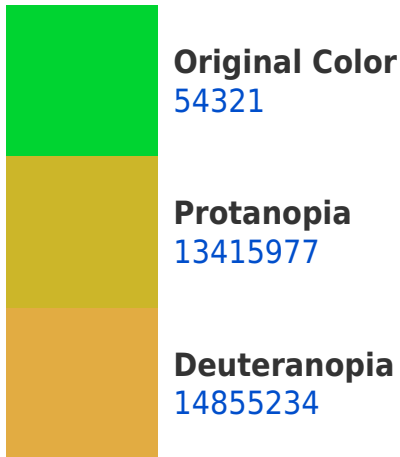


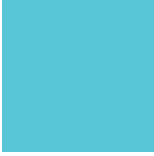
This preview shows how white text looks on a background with the Decimal color 54321.

# 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](#).

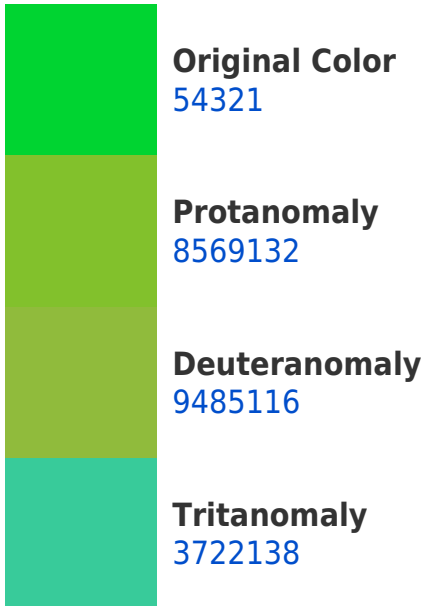
## Dichromacy





**Tritanopia**  
5818070

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 54321 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 #00D431 looks like.

```
.text, #text, p{  
    color:#00D431  
}
```

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 #00D431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D431
}
```

## Border

The CSS property to change the border of an element to Decimal 54321 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
#00D431 }
```

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

```
.border{ border-color:#00D431 }
```

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

Here you see how a box with a 4 pixel #00D431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D431; -webkit-box-shadow:4px 4px  
4px 4px #00D431; box-shadow:4px 4px 4px  
4px #00D431 }
```

# Background

The CSS property to change the background color of an element to Decimal 54321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D431 }
```

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

```
.background{ background-color:#00D431 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor