

# Converting Colors

Decimal(2219553)

Have a look what the booklet for  
Decimal(2219553) contains.

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**Color**

**Decimal(2219553)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21DE21
RGB	33, 222, 33
RGB Percent	13%, 87%, 13%
CMY	0.8706, 0.1294, 0.8706
CMYK	0.85, 0.00, 0.85, 0.13
HSL	120°, 74%, 50%
HSV	120°, 85%, 87%
XYZ	27.0230, 52.6757, 10.1820
YIQ	143.9430, -51.9750, -98.8470

# Conversions

## Conversions Part 2

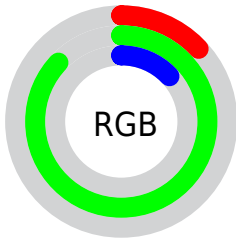
Format	Color
<b>RYB</b>	33, 222, 222
Decimal	2219553
CIELab	77.68, -75.03, 70.74
CIELCh	78, 103.121, 136.684
Yxy	52.6757, 0.3007, 0.5861
Android (android.graphics.Color)	4280409633 (0xFF21DE21)
YUV	143.9430, -54.6949, -97.2970
Hunter-Lab	72.5780, -60.5506, 42.4868

# Details

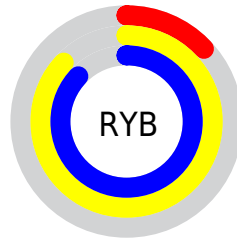
The Decimal color **2219553** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **14557662**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **7798626**, and **42240** is the 20% darker color. If you saturate the color by 10%, you get **777739**, and if you desaturate by 10%, it is **3661367**.

# Distribution



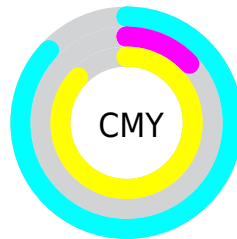
- Red (13%)
- Green (87%)
- Blue (13%)



- Red (13%)
- Yellow (87%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (85%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 2219553 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 2219553 by changing the saturation by 10% instead.



 2219553

 2219553

16777215

 49408

 7798626

 42240

 9961342

 35328

 12058523

 28416

 14090168

 21504

 16187349

 15360

 16777203

 8704

 0

 2219553

 2219553

■ 777739

■ 3661367

■ 56832

■ 5103181

■ 6610532

■ 8052346

■ 9494160

■ 10935974

■ 12377788

■ 13885139

■ 15326953

# Harmonies

## Analogous

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



11914240



2219553



59280

# Triad

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



2219553



55551



16730511

# Complementary

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



2219553



14557662

# 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.



16732399



2219553



47615

# Square

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



2219553



59135



16747007



16743729

# Rectangle

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



2219553



59860



16747007



16728239

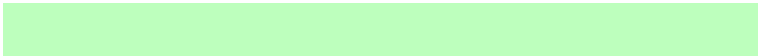


# Sweetspot

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



2219553



12451773



14605857



5800024



0



8421504



# Same Dimension

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



2219553



65280



2219648



6647909



45056



12288



# Inverse Universe

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



14557662



16711935



14557568



7366000



11534512

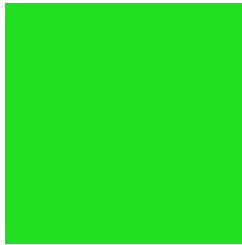


3145776



# Previews

## White Background



This preview shows how the Decimal color 2219553 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 Decimal color 2219553 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](#).



## Decimal 2219553 Background



This preview shows how black text looks on a background with the Decimal color 2219553.



This preview shows how white text looks on a background with the Decimal color 2219553.

# 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](#).

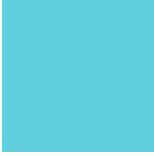
## Dichromacy



**Original Color**  
2219553

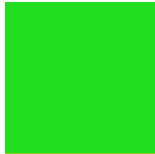
**Protanopia**  
14073623

**Deuteranopia**  
15643705



**Tritanopia**  
6410207

# Trichromacy



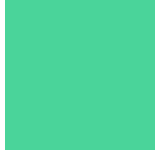
**Original Color**  
2219553



**Protanomaly**  
9751067



**Deuteranomaly**  
10732336



**Tritanomaly**  
4904090

# Monochromacy



**Original Color**  
2219553



**Achromatopsia**  
9474192



**Achromatomaly**  
6859880

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2219553 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 #21DE21 looks like.

```
.text, #text, p{  
    color:#21DE21  
}
```

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 #21DE21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21DE21  
}
```

## Border

The CSS property to change the border of an element to Decimal 2219553 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  
#21DE21 }
```

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

```
.border{ border-color:#21DE21 }
```

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

Here you see how a box with a 4 pixel #21DE21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21DE21; -webkit-box-shadow:4px 4px  
4px 4px #21DE21; box-shadow:4px 4px 4px  
4px #21DE21 }
```

# Background

The CSS property to change the background color of an element to Decimal 2219553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21DE21 }
```

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

```
.background{ background-color:#21DE21 }
```

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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