

# Converting Colors

Decimal(2224424)

Have a look what the booklet for  
Decimal(2224424) contains.

<b>Decimal(2224424)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(2224424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21F128
RGB	33, 241, 40
RGB Percent	13%, 95%, 16%
CMY	0.8706, 0.0549, 0.8431
CMYK	0.86, 0.00, 0.83, 0.05
HSL	122°, 88%, 54%
HSV	122°, 86%, 95%
XYZ	32.4655, 63.3871, 12.5313
YIQ	155.8940, -59.4470, -106.6070

# Conversions

## Conversions Part 2

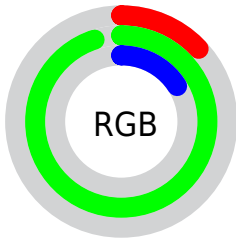
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 234, 241
Decimal	2224424
CIE <sub>Lab</sub>	83.65, -79.99, 74.52
CIE <sub>LCh</sub>	84, 109.325, 137.029
Yxy	63.3871, 0.2995, 0.5848
Android (android.graphics.Color)	4280414504 (0xFF21F128)
YUV	155.8940, -57.1357, -107.7780
Hunter-Lab	79.6160, -66.5401, 46.3992

# Details

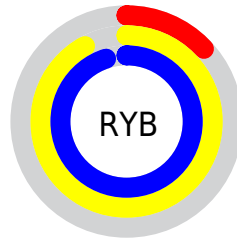
The Decimal color **2224424** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **15802858**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **8126313**, and **46848** is the 20% darker color. If you saturate the color by 10%, you get **651537**, and if you desaturate by 10%, it is **3797311**.

# Distribution



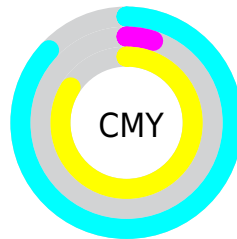
- Red (13%)
- Green (95%)
- Blue (16%)



- Red (13%)
- Yellow (92%)
- Blue (95%)



- Cyan (86%)
- Magenta (0%)
- Yellow (83%)
- Black (5%)



- Cyan (87%)
- Magenta (5%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2224424 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 2224424 by changing the saturation by 10% instead.





2224424



2224424

16777215



54272



8126313



46848



10289030



39680



12451747



32768



14548928



25856



16646110



19200



16777211



12800



5376



0

■ 2224424

■ 2224424

■ 651537

■ 3797311

■ 61704

■ 5370199

■ 6943086

■ 8515973

■ 10088860

■ 11727284

■ 13300171

■ 14873058

■ 16445946

# Harmonies

## Analogous

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



12901888



2224424



64159

# Triad

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



2224424



60159



16732571

# Complementary

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



2224424



15802858

# 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.



16734463



2224424



2279935

# Square

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



2224424



63999



16750079



16746806

# Rectangle

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



2224424



64999



16750079



16730301

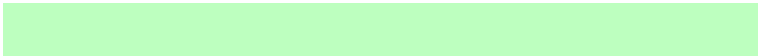


# Sweetspot

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



2224424



12451775



15397153



5800025



0



8421504



# Same Dimension

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



2224424



65289



2224528



7108716



47110



14338



# Inverse Universe

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



15802858



16711926



15802754



7892087



12058801

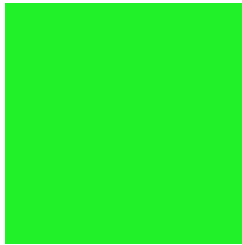


3670070



# Previews

## White Background



This preview shows how the Decimal color 2224424 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 2224424 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 2224424 Background



This preview shows how black text looks on a background with the Decimal color 2224424.

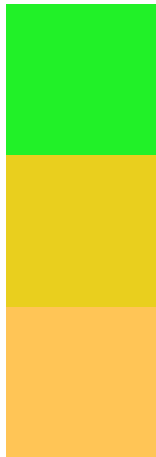


This preview shows how white text looks on a background with the Decimal color 2224424.

# 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](#).

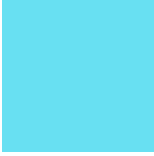
## Dichromacy



**Original Color**  
2224424

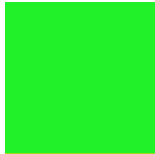
**Protanopia**  
15322910

**Deuteranopia**  
16762198



**Tritanopia**  
6873330

# Trichromacy



**Original Color**

2224424



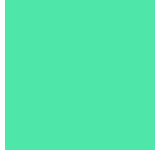
**Protanomaly**

10541858



**Deuteranomaly**

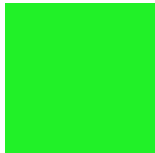
11457861



**Tritanomaly**

5170857

# Monochromacy



**Original Color**

2224424



**Achromatopsia**

10263708



**Achromatomaly**

7322482

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2224424 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 #21F128 looks like.

```
.text, #text, p{  
  color:#21F128  
}
```

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 #21F128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21F128
}
```

## Border

The CSS property to change the border of an element to Decimal 2224424 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
#21F128 }
```

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

```
.border{ border-color:#21F128 }
```

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

Here you see how a box with a 4 pixel #21F128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21F128; -webkit-box-shadow:4px 4px  
4px 4px #21F128; box-shadow:4px 4px 4px  
4px #21F128 }
```

# Background

The CSS property to change the background color of an element to Decimal 2224424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21F128 }
```

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

```
.background{ background-color:#21F128 }
```

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