

# Converting Colors

Decimal(4772145)

Have a look what the booklet for  
Decimal(4772145) contains.

<b>Decimal(4772145)</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(4772145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48D131
RGB	72, 209, 49
RGB Percent	28%, 82%, 19%
CMY	0.7176, 0.1804, 0.8078
CMYK	0.66, 0.00, 0.77, 0.18
HSL	111°, 63%, 51%
HSV	111°, 77%, 82%
XYZ	26.0273, 47.2004, 10.6445
YIQ	149.7970, -30.2920, -78.8040

# Conversions

## Conversions Part 2

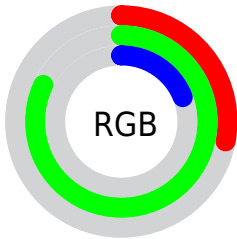
Format	Color
<b>RYB</b>	49, 209, 186
Decimal	4772145
CIELab	74.32, -64.61, 63.59
CIELCh	74, 90.653, 135.458
Yxy	47.2004, 0.3103, 0.5628
Android (android.graphics.Color)	4282962225 (0xFF48D131)
YUV	149.7970, -49.6929, -68.2280
Hunter-Lab	68.7025, -52.6064, 38.9056

# Details

The Decimal color **4772145** 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 **12202449**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9043819**, and **39168** is the 20% darker color. If you saturate the color by 10%, you get **3592476**, and if you desaturate by 10%, it is **5951814**.

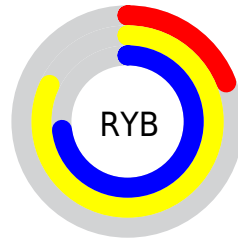
# Distribution



Red (28%)

Green (82%)

Blue (19%)



Red (19%)

Yellow (82%)

Blue (73%)

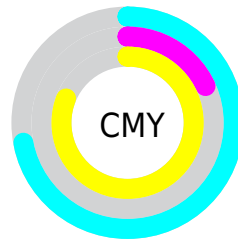


Cyan (66%)

Magenta (0%)

Yellow (77%)

Black (18%)



Cyan (72%)

Magenta (18%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4772145 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 4772145 by changing the saturation by 10% instead.





4772145



4772145

16777215



1881351



9043819



39168



11009926



32256



13041571



25600



15007679



18944



16777180



13056



16777210



6144



0



4772145



4772145

■ 3592476

■ 5951814

■ 2412807

■ 7131483

■ 2019584

■ 8311152

■ 9490821

■ 10604954

■ 11784622

■ 12964291

■ 14143960

■ 15323629

# Harmonies

## Analogous

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



11780096



4772145



55690

# Triad

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



4772145



52479



16734608

# Complementary

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



4772145



12202449

# 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.



16736483



4772145



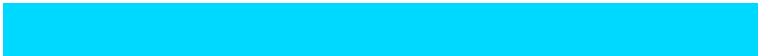
3781375

# Square

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



4772145



55807



15698687



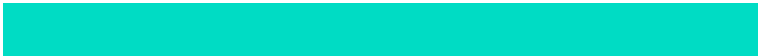
16743744

# Rectangle

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



4772145



56516



15698687



16733611

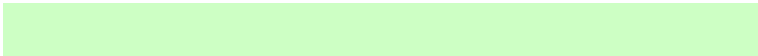


# Sweetspot

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



4772145



13500356



13744433



6389852



0



8421504



# Same Dimension

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



4772145



3604244



3264873



6318430



1615872



403712



# Inverse Universe

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



12202449



14488831



13709721



6774377



9437352

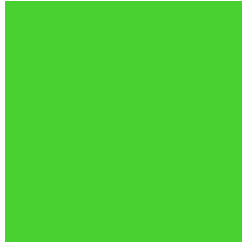


2293801



# Previews

## White Background



This preview shows how the Decimal color 4772145 looks on a white background.

## Color Contrast Check

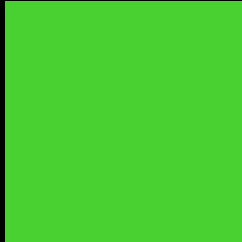
Large Text (above 18pt) WCAG AA × Fail

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 4772145 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 4772145 Background



This preview shows how black text looks on a background with the Decimal color 4772145.

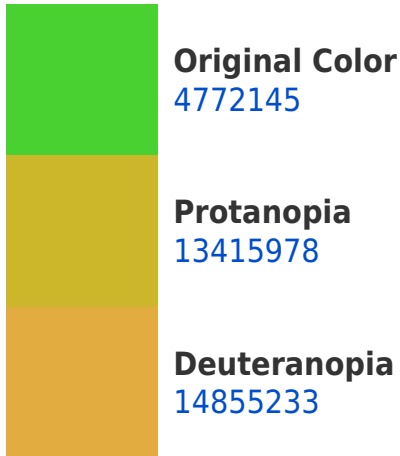


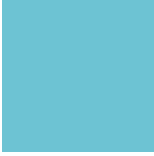
This preview shows how white text looks on a background with the Decimal color 4772145.

# 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](#).

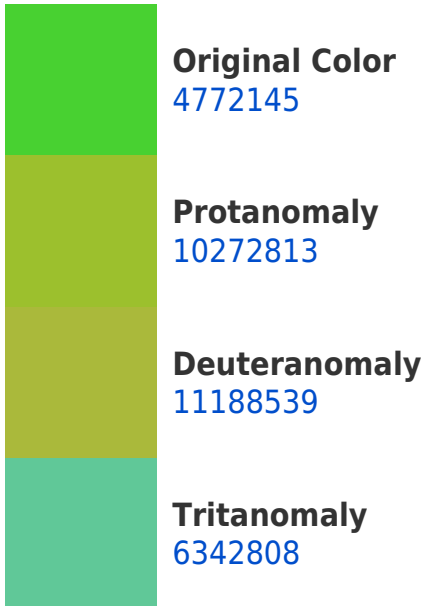
## Dichromacy



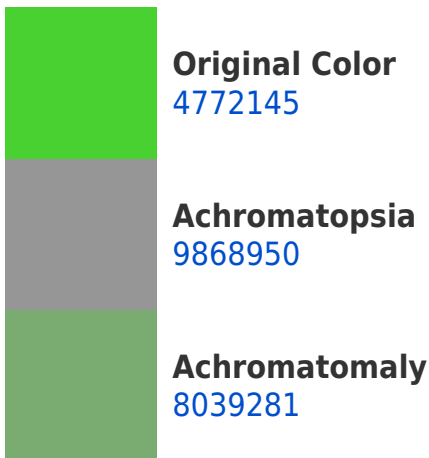


**Tritanopia**  
7193555

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4772145 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 #48D131 looks like.

```
.text, #text, p{  
    color:#48D131  
}
```

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 #48D131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D131
}
```

## Border

The CSS property to change the border of an element to Decimal 4772145 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
#48D131 }
```

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

```
.border{ border-color:#48D131 }
```

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

Here you see how a box with a 4 pixel #48D131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D131; -webkit-box-shadow:4px 4px  
4px 4px #48D131; box-shadow:4px 4px 4px  
4px #48D131 }
```

# Background

The CSS property to change the background color of an element to Decimal 4772145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D131 }
```

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

```
.background{ background-color:#48D131 }
```

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