

# Converting Colors

Decimal(4769360)

Have a look what the booklet for  
Decimal(4769360) contains.

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# **Color**

**Decimal(4769360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48C650
RGB	72, 198, 80
RGB Percent	28%, 78%, 31%
CMY	0.7176, 0.2235, 0.6863
CMYK	0.64, 0.00, 0.60, 0.22
HSL	124°, 52%, 53%
HSV	124°, 64%, 78%
XYZ	24.3145, 42.3451, 14.4813
YIQ	146.8740, -37.2180, -63.4100

# Conversions

## Conversions Part 2

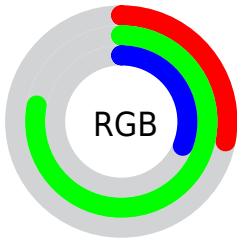
Format	Color
<a href="#">RYB</a>	<a href="#">72, 190, 198</a>
Decimal	<a href="#">4769360</a>
CIELab	<a href="#">71.11, -58.06, 48.10</a>
CIElCh	<a href="#">71, 75.396, 140.362</a>
Yxy	<a href="#">42.3451, 0.2997, 0.5219</a>
Android (android.graphics.Color)	<a href="#">4282959440 (0xFF48C650)</a>
YUV	<a href="#">146.8740, -32.9689, -65.6645</a>
Hunter-Lab	<a href="#">65.0731, -47.1814, 32.3568</a>

# Details

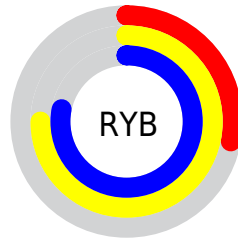
The Decimal color **4769360** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **12994750**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8847237**, and **36634** is the 20% darker color. If you saturate the color by 10%, you get **3458621**, and if you desaturate by 10%, it is **6080099**.

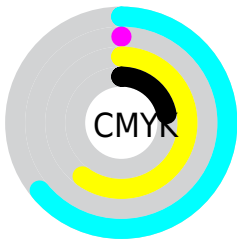
# Distribution



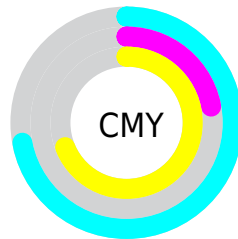
- Red (28%)
- Green (78%)
- Blue (31%)



- Red (28%)
- Yellow (75%)
- Blue (78%)



- Cyan (64%)
- Magenta (0%)
- Yellow (60%)
- Black (22%)



- Cyan (72%)
- Magenta (22%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4769360 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 4769360 by changing the saturation by 10% instead.





4769360



4769360

16777215



2206262



8847237



36634



10747808



29696



12713916



23040



14680024



16640



16646133



11008



2048



0



4769360



4769360

■ 3458621

■ 6080099

■ 2147883

■ 7390837

■ 902680

■ 8636040

■ 50701

■ 9946778

■ 11257517

■ 12568255

■ 13878994

■ 15124196

■ 16434935

# Harmonies

## Analogous

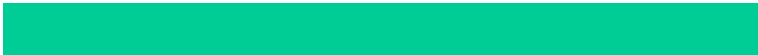
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10729741



4769360



52629

# Triad

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



4769360



48639



16739459

# Complementary

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



4769360



12994750

# 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.



16739271



4769360



8431103

# Square

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



4769360



51711



15435519



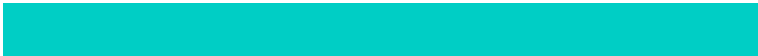
16746052

# Rectangle

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



4769360



52933



15435519



16738457

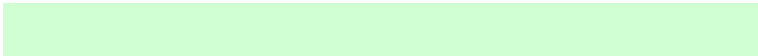


# Sweetspot

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



4769360



13631442



12633672



6455396



0



8421504



# Same Dimension

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



4769360



4063050



4769421



5923674



41738



9218



# Inverse Universe

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



12994750



16727539



12994689



6511203



10682521



2359329



# Previews

## White Background



This preview shows how the Decimal color 4769360 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 4769360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

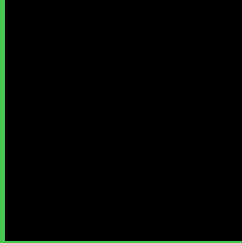
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4769360 Background



This preview shows how black text looks on a background with the Decimal color 4769360.

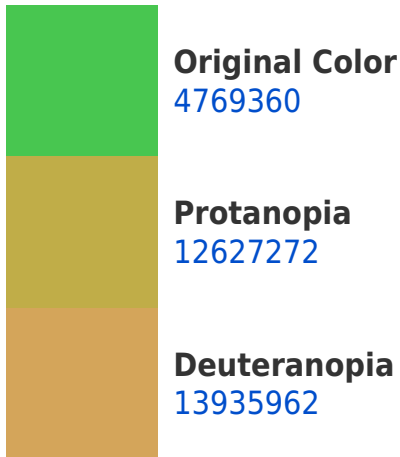


This preview shows how white text looks on a background with the Decimal color 4769360.

# 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**  
6798025

# Trichromacy



**Original Color**

4769360



**Protanomaly**

9745995



**Deuteranomaly**

10596694



**Tritanomaly**

6078109

# Monochromacy



**Original Color**

4769360



**Achromatopsia**

9671571



**Achromatomaly**

7906939

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4769360 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 #48C650 looks like.

```
.text, #text, p{  
    color:#48C650  
}
```

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 #48C650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C650
}
```

## Border

The CSS property to change the border of an element to Decimal 4769360 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
#48C650 }
```

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

```
.border{ border-color:#48C650 }
```

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

Here you see how a box with a 4 pixel #48C650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C650; -webkit-box-shadow:4px 4px  
4px 4px #48C650; box-shadow:4px 4px 4px  
4px #48C650 }
```

# Background

The CSS property to change the background color of an element to Decimal 4769360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C650 }
```

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

```
.background{ background-color:#48C650 }
```

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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