

# Converting Colors

Decimal(8768521)

Have a look what the booklet for  
Decimal(8768521) contains.

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# **Color**

**Decimal(8768521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85CC09
RGB	133, 204, 9
RGB Percent	52%, 80%, 4%
CMY	0.4784, 0.2000, 0.9647
CMYK	0.35, 0.00, 0.96, 0.20
HSL	82°, 92%, 42%
HSV	82°, 96%, 80%
XYZ	31.3150, 48.1920, 7.9100
YIQ	160.5410, 20.2790, -75.6970

# Conversions

## Conversions Part 2

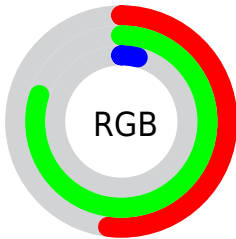
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 204, 80
Decimal	8768521
CIELab	74.95, -46.67, 73.35
CIELCh	75, 86.941, 122.468
Yxy	48.1920, 0.3582, 0.5513
Android (android.graphics.Color)	4286958601 (0xFF85CC09)
YUV	160.5410, -74.7097, -24.1535
Hunter-Lab	69.4205, -40.9658, 41.8387

# Details

The Decimal color **8768521** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5245388**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **12648277**, and **4887808** is the 20% darker color. If you saturate the color by 10%, you get **8571904**, and if you desaturate by 10%, it is **9227293**.

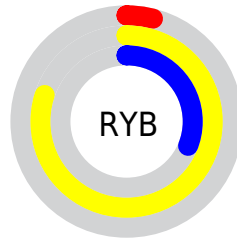
# Distribution



Red (52%)

Green (80%)

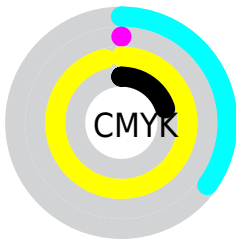
Blue (4%)



Red (4%)

Yellow (80%)

Blue (31%)

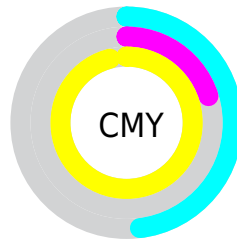


Cyan (35%)

Magenta (0%)

Yellow (96%)

Black (20%)



Cyan (48%)

Magenta (20%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8768521 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 8768521 by changing the saturation by 10% instead.





8768521



8768521

16777215



6860800



12648277



4887808



14548850



2849536



16514959



24832



16777132



18688



16777161



12800



16777190



6656



0



8768521



8768521

■ 8571904

■ 9227293

■ 9751602

■ 10210374

■ 10734683

■ 11193455

■ 11717763

■ 12176536

■ 12635308

■ 13159617

# Harmonies

## Analogous

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



14137088



8768521



55146

# Triad

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



8768521



54527



16736181

# Complementary

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



8768521



5245388

# 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.



16742655



8768521



49407

# Square

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



8768521



56575



12493055



16740967

# Rectangle

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



8768521



56225



12493055



16737232

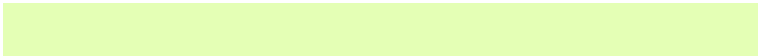


# Sweetspot

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



8768521



15007669



13389065



7307347



0



8421504



# Same Dimension

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



8768521



10682112



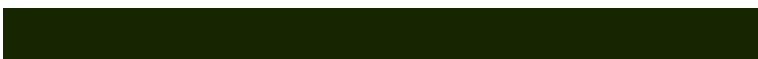
2542601



6448732



6923776



1582592



# Inverse Universe

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



5245388



6095103



11471308



6315110



3932326



917542



# Previews

## White Background



This preview shows how the Decimal color 8768521 looks on a white background.

## Color Contrast Check

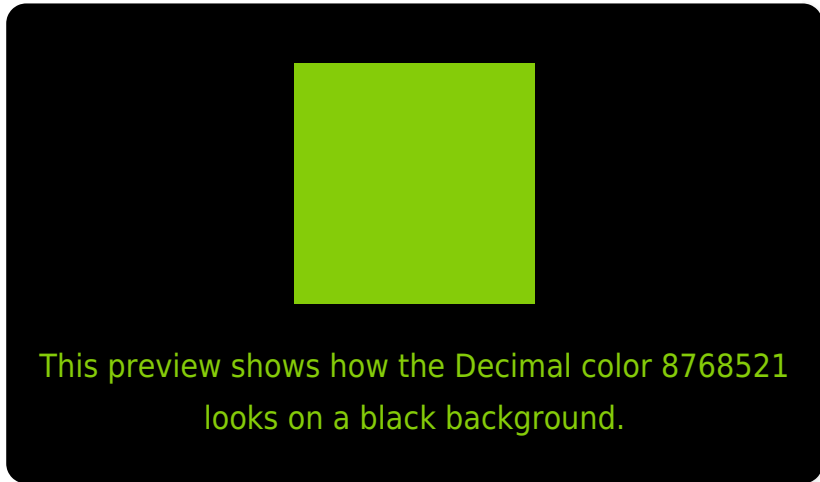
Large Text (above 18pt) WCAG AA × Fail

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 8768521 Background



This preview shows how black text looks on a background with the Decimal color 8768521.



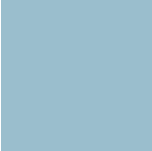
This preview shows how white text looks on a background with the Decimal color 8768521.

# 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**  
10141389

# Trichromacy



**Original Color**  
8768521

**Protanomaly**  
11845379

**Deuteranomaly**  
12826909

**Tritanomaly**  
9618310

# Monochromacy



**Original Color**  
8768521

**Achromatopsia**  
10592673

**Achromatomaly**  
9941354

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8768521 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 #85CC09 looks like.

```
.text, #text, p{  
    color:#85CC09  
}
```

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 #85CC09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CC09
}
```

## Border

The CSS property to change the border of an element to Decimal 8768521 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
#85CC09 }
```

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

```
.border{ border-color:#85CC09 }
```

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

Here you see how a box with a 4 pixel #85CC09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CC09; -webkit-box-shadow:4px 4px  
4px 4px #85CC09; box-shadow:4px 4px 4px  
4px #85CC09 }
```

# Background

The CSS property to change the background color of an element to Decimal 8768521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CC09 }
```

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

```
.background{ background-color:#85CC09 }
```

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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