

# Converting Colors

Decimal(8776774)

Have a look what the booklet for  
Decimal(8776774) contains.

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**Color**

**Decimal(8776774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85EC46
RGB	133, 236, 70
RGB Percent	52%, 93%, 27%
CMY	0.4784, 0.0745, 0.7255
CMYK	0.44, 0.00, 0.70, 0.07
HSL	97°, 81%, 60%
HSV	97°, 70%, 93%
XYZ	40.7738, 65.4196, 16.2726
YIQ	186.2790, -8.1020, -73.4620

# Conversions

## Conversions Part 2

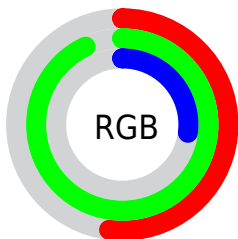
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 236, 173
Decimal	8776774
CIELab	84.70, -56.95, 67.48
CIELCh	85, 88.306, 130.163
Yxy	65.4196, 0.3329, 0.5342
Android (android.graphics.Color)	4286966854 (0xFF85EC46)
YUV	186.2790, -57.3255, -46.7257
Hunter-Lab	80.8824, -51.5602, 44.6892

# Details

The Decimal color **8776774** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **11355884**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **12648319**, and **4764416** is the 20% darker color. If you saturate the color by 10%, you get **7793710**, and if you desaturate by 10%, it is **9759838**.

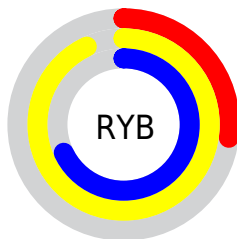
# Distribution



Red (52%)

Green (93%)

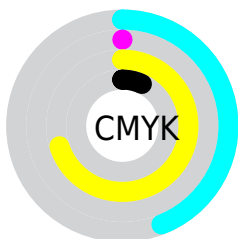
Blue (27%)



Red (27%)

Yellow (93%)

Blue (68%)

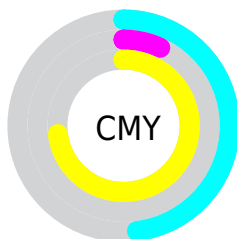


Cyan (44%)

Magenta (0%)

Yellow (70%)

Black (7%)



Cyan (48%)

Magenta (7%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8776774 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 8776774 by changing the saturation by 10% instead.



 8776774

 8776774

16777215

 6803238

 12648319

 4764416

 14679963

 2267136

 16646072

 32000

 16777173

 25344

 16777202

 18944

 13056

 6400

 0

■ 8776774

■ 8776774

■ 7793710

■ 9759838

■ 6876183

■ 10677365

■ 5958656

■ 11660429

■ 12643492

■ 13561020

■ 14544084

■ 15527147

■ 16444671

■ 16772351

# Harmonies

## Analogous

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



14801152



8776774



63127

# Triad

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



8776774



60671



16744123

# Complementary

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



8776774



11355884

# 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.



16747263



8776774



3462399

# Square

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



8776774



63487



16429311



16750187

# Rectangle

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



8776774



64209



16429311



16743895

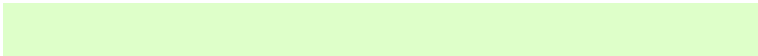


# Sweetspot

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



8776774



14614473



15510598



7110752



0



8421504



# Same Dimension

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



8776774



8060713



4648025



7239018



4568320



1324544



# Inverse Universe

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



11355884



11414015



15484633



7432821



7340213

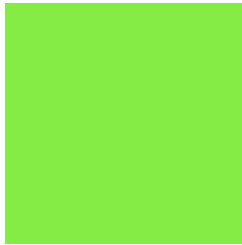


2162742



# Previews

## White Background



This preview shows how the Decimal color 8776774 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 8776774 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 8776774 Background



This preview shows how black text looks on a background with the Decimal color 8776774.

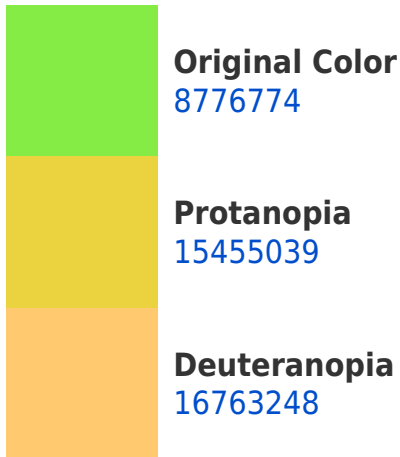



This preview shows how white text looks on a background with the Decimal color 8776774.

# 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



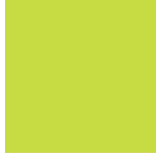


**Tritanopia**  
10542318

# Trichromacy



**Original Color**  
8776774



**Protanomaly**  
13032514



**Deuteranomaly**  
13882977

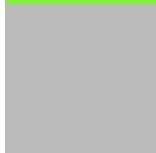


**Tritanomaly**  
9888433

# Monochromacy



**Original Color**  
8776774



**Achromatopsia**  
12237498



**Achromatomaly**  
10996880

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8776774 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 #85EC46 looks like.

```
.text, #text, p{  
    color:#85EC46  
}
```

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 #85EC46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85EC46  
}
```

## Border

The CSS property to change the border of an element to Decimal 8776774 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  
#85EC46 }
```

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

```
.border{ border-color:#85EC46 }
```

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

Here you see how a box with a 4 pixel #85EC46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85EC46; -webkit-box-shadow:4px 4px  
4px 4px #85EC46; box-shadow:4px 4px 4px  
4px #85EC46 }
```

# Background

The CSS property to change the background color of an element to Decimal 8776774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85EC46 }
```

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

```
.background{ background-color:#85EC46 }
```

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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