

Converting Colors

Decimal(8775736)

Have a look what the booklet for
Decimal(8775736) contains.

Decimal(8775736)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8775736)

Conversions

Conversions Part 1

Format	Color
Hex	85E838
RGB	133, 232, 56
RGB Percent	52%, 91%, 22%
CMY	0.4784, 0.0902, 0.7804
CMYK	0.43, 0.00, 0.76, 0.09
HSL	94°, 79%, 56%
HSV	94°, 76%, 91%
XYZ	39.2433, 62.9853, 13.8304
YIQ	182.3350, -2.5080, -75.7240

Conversions

Conversions Part 2

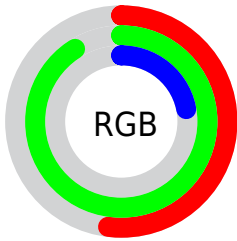
Format	Color
RYB	56, 232, 155
Decimal	8775736
CIELab	83.43, -56.28, 70.90
CIElCh	83, 90.525, 128.442
Yxy	62.9853, 0.3381, 0.5427
Android (android.graphics.Color)	4286965816 (0xFF85E838)
YUV	182.3350, -62.2832, -43.2668
Hunter-Lab	79.3633, -50.6216, 45.2220

Details

The Decimal color **8775736** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **10172648**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **12713843**, and **4763648** is the 20% darker color. If you saturate the color by 10%, you get **7923745**, and if you desaturate by 10%, it is **9627727**.

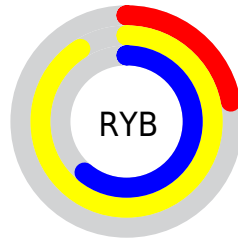
Distribution



Red (52%)

Green (91%)

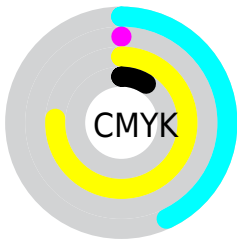
Blue (22%)



Red (22%)

Yellow (91%)

Blue (61%)

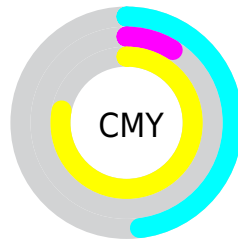


Cyan (43%)

Magenta (0%)

Yellow (76%)

Black (9%)



Cyan (48%)

Magenta (9%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8775736 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 8775736 by changing the saturation by 10% instead.

■ 8775736

■ 8775736

16777215

■ 6802191

■ 12713843

■ 4763648

■ 14679952

■ 2266112

■ 16646060

■ 31232

■ 16777161

■ 24576

■ 16777191

■ 18176

■ 12544

■ 5120

■ 0

 8775736

 8775736

 7923745

 9627727

 7071754

 10479718

 6744064

 11331710

 12183701

 13035692

 13887683

 14739674

 15591666

 16443647

Harmonies

Analogous

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



14865408



8775736



62349

Triad

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



8775736



60159



16741819

Complementary

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



8775736



10172648

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.



16746239



8775736



54015

Square

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



8775736



62975



15773439



16748138

Rectangle

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



8775736



63177



15773439



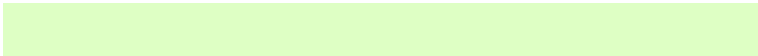
16742104

Sweetspot

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



8775736



14614468



15243576



7045212



0



8421504

Same Dimension

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



8775736



8191767



3729473



7107431



5157632



1454848

Inverse Universe

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



10172648



10033151



15218911



7235443



6553779



1900595

Previews

White Background



This preview shows how the Decimal color 8775736 looks on a white background.

Color Contrast Check

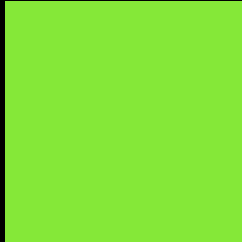
Large Text (above 18pt) WCAG AA × Fail

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 8775736 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 8775736 Background



This preview shows how black text looks on a background with the Decimal color 8775736.

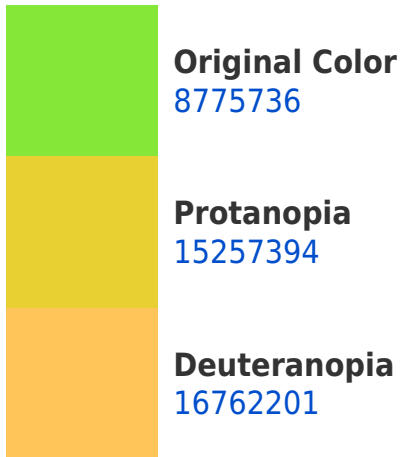


This preview shows how white text looks on a background with the Decimal color 8775736.

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
10475754

Trichromacy



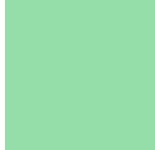
Original Color
8775736



Protanomaly
12900404



Deuteranomaly
13881933

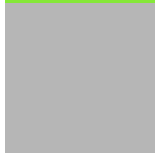


Tritanomaly
9887401

Monochromacy



Original Color
8775736



Achromatopsia
11974326



Achromatomaly
10799240

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8775736 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 #85E838 looks like.

```
.text, #text, p{  
    color:#85E838  
}
```

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 #85E838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E838
}
```

Border

The CSS property to change the border of an element to Decimal 8775736 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
#85E838 }
```

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

```
.border{ border-color:#85E838 }
```

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

Here you see how a box with a 4 pixel #85E838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E838; -webkit-box-shadow:4px 4px  
4px 4px #85E838; box-shadow:4px 4px 4px  
4px #85E838 }
```

Background

The CSS property to change the background color of an element to Decimal 8775736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E838 }
```

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

```
.background{ background-color:#85E838 }
```

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