

Converting Colors

Decimal(8769627)

Have a look what the booklet for
Decimal(8769627) contains.

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Color

Decimal(8769627)

Conversions

Conversions Part 1

Format	Color
Hex	85D05B
RGB	133, 208, 91
RGB Percent	52%, 82%, 36%
CMY	0.4784, 0.1843, 0.6431
CMYK	0.36, 0.00, 0.56, 0.18
HSL	98°, 55%, 59%
HSV	98°, 56%, 82%
XYZ	34.1171, 50.8536, 17.9151
YIQ	172.2370, -7.1430, -52.2870

Conversions

Conversions Part 2

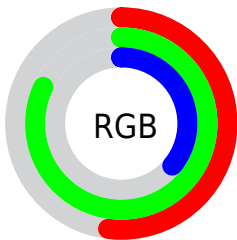
Format	Color
RYB	91, 208, 166
Decimal	8769627
CIELab	76.59, -43.75, 50.05
CIELCh	77, 66.474, 131.162
Yxy	50.8536, 0.3316, 0.4943
Android (android.graphics.Color)	4286959707 (0xFF85D05B)
YUV	172.2370, -40.0498, -34.4108
Hunter-Lab	71.3117, -39.3973, 35.0232

Details

The Decimal color **8769627** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **10902480**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **12517264**, and **5085478** is the 20% darker color. If you saturate the color by 10%, you get **7917638**, and if you desaturate by 10%, it is **9621616**.

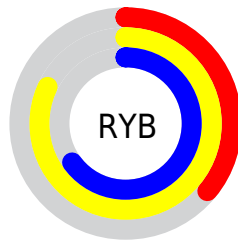
Distribution



Red (52%)

Green (82%)

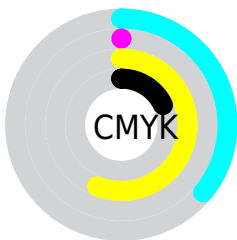
Blue (36%)



Red (36%)

Yellow (82%)

Blue (65%)

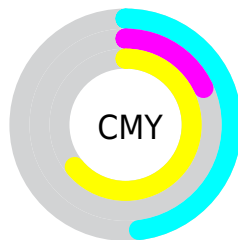


Cyan (36%)

Magenta (0%)

Yellow (56%)

Black (18%)



Cyan (48%)

Magenta (18%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8769627 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 8769627 by changing the saturation by 10% instead.



8769627



8769627

16777215



6927425



12517264



5085478



14417836



3178242



16318408



681216



16777189



19456



13568



7936



0



8769627



8769627

 7917638

 9621616

 7000113

 10539141

 6148125

 11391129

 5296136

 12243118

 4968448

 13160643

 14012632

 14864621

 15782143

 16634111

Harmonies

Analogous

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



13156666



8769627



55443

Triad

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



8769627



52991



16745896

Complementary

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



8769627



10902480

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.



16747750



8769627



7519487

Square

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



8769627



55551



14590975



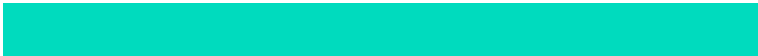
16749679

Rectangle

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



8769627



56254



14590975



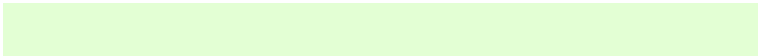
16745917

Sweetspot

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



8769627



14942164



13673819



7307366



0



8421504

Same Dimension

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



8769627



9502546



6017131



6449502



3975168



993536

Inverse Universe

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



10902480



12669695



13654976



6643305



7078056



1703977

Previews

White Background



This preview shows how the Decimal color 8769627 looks on a white background.

Color Contrast Check

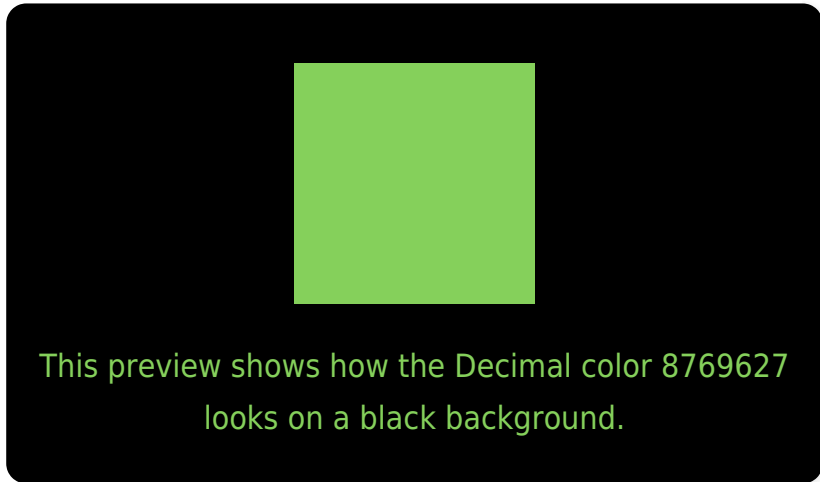
Large Text (above 18pt) WCAG AA × Fail

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 8769627 Background



This preview shows how black text looks on a background with the Decimal color 8769627.

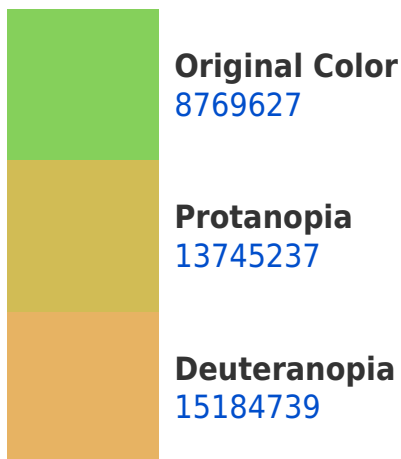


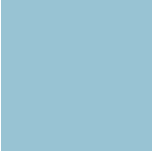
This preview shows how white text looks on a background with the Decimal color 8769627.

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
10011603

Trichromacy



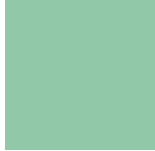
Original Color
8769627



Protanomaly
11912023



Deuteranomaly
12828256

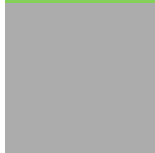


Tritanomaly
9554087

Monochromacy



Original Color
8769627



Achromatopsia
11316396



Achromatomaly
10402191

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8769627 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 #85D05B looks like.

```
.text, #text, p{  
    color:#85D05B  
}
```

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 #85D05B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D05B
}
```

Border

The CSS property to change the border of an element to Decimal 8769627 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
#85D05B }
```

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

```
.border{ border-color:#85D05B }
```

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

Here you see how a box with a 4 pixel #85D05B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D05B; -webkit-box-shadow:4px 4px  
4px 4px #85D05B; box-shadow:4px 4px 4px  
4px #85D05B }
```

Background

The CSS property to change the background color of an element to Decimal 8769627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D05B }
```

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

```
.background{ background-color:#85D05B }
```

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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