

Converting Colors

Decimal(50727)

Have a look what the booklet for
Decimal(50727) contains.

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Color

Decimal(50727)

Conversions

Conversions Part 1

Format	Color
Hex	00C627
RGB	0, 198, 39
RGB Percent	0%, 78%, 15%
CMY	1.0000, 0.2235, 0.8471
CMYK	1.00, 0.00, 0.80, 0.22
HSL	132°, 100%, 39%
HSV	132°, 100%, 78%
XYZ	20.5603, 40.5347, 8.6598
YIQ	120.6720, -66.9690, -91.4250

Conversions

Conversions Part 2

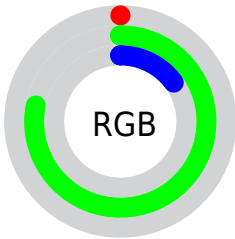
Format	Color
RYB	0, 165, 198
Decimal	50727
CIELab	69.85, -69.89, 62.01
CIELCh	70, 93.431, 138.421
Yxy	40.5347, 0.2948, 0.5811
Android (android.graphics.Color)	4278240807 (0xFF00C627)
YUV	120.6720, -40.2643, -105.8293
Hunter-Lab	63.6668, -53.7729, 36.5023

Details

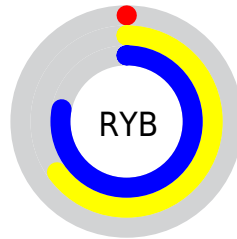
The Decimal color **50727** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **12976287**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **6815586**, and **36352** is the 20% darker color. If you saturate the color by 10%, you get **50727**, and if you desaturate by 10%, it is **1361463**.

Distribution



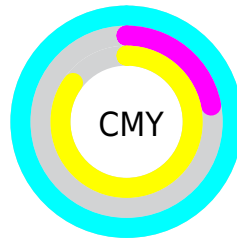
- Red (0%)
- Green (78%)
- Blue (15%)



- Red (0%)
- Yellow (65%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50727 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 50727 by changing the saturation by 10% instead.

 50727	 50727
 16777215	 43520
 6815586	 36352
 8912765	 29440
 11009945	 22784
 13041590	 16384
 15073234	 10240
 16777200	 0

 50727

 1361463

 2672199

 3917399


 5228135

 6538871

 7849606

 9160342

 10405542

 11716278

Harmonies

Analogous

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



10336000



50727



52614

Triad

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



50727



49151



16729467

Complementary

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



50727



12976287

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.



16729807



50727



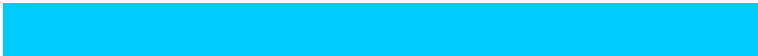
4170751

Square

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



50727



52479



15562751



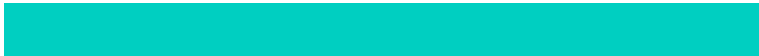
16740903

Rectangle

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



50727



53185



15562751



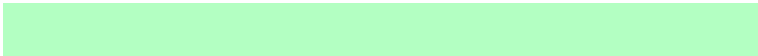
16727191

Sweetspot

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



50727



11796418



10667520



5406811



0



8421504

Same Dimension

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



50727



65330



50823



5923675



41760



9223

Inverse Universe

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



12976287



16711885



12976191



6511201



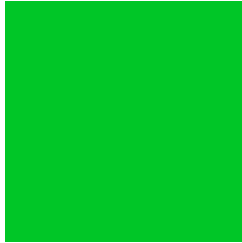
10682499



2359325

Previews

White Background



This preview shows how the Decimal color 50727 looks on a white background.

Color Contrast Check

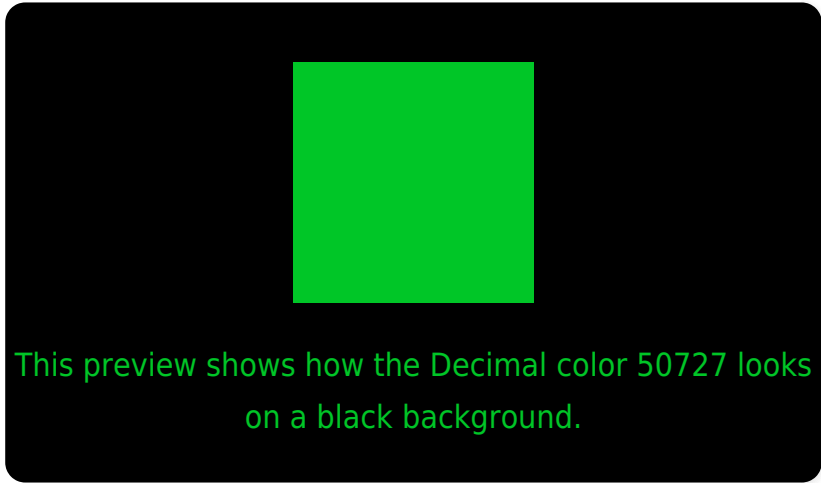
Large Text (above 18pt) WCAG AA × Fail

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 50727 Background



This preview shows how black text looks on a background with the Decimal color 50727.

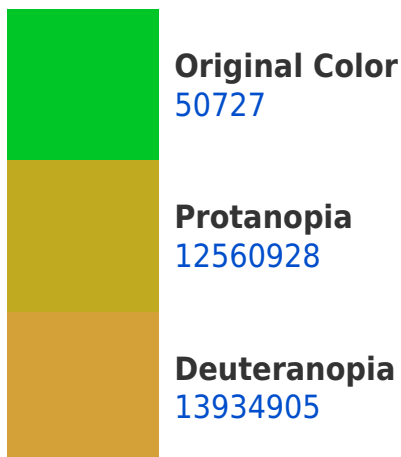


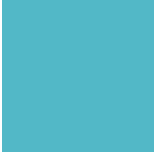
This preview shows how white text looks on a background with the Decimal color 50727.

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
5421255

Trichromacy



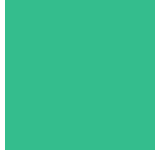
Original Color
50727



Protanomaly
8041507



Deuteranomaly
8891954



Tritanomaly
3456397

Monochromacy



Original Color
50727



Achromatopsia
7960953



Achromatomaly
5084507

CSS Examples

Text

The CSS property to change the color of the text to Decimal 50727 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 #00C627 looks like.

```
.text, #text, p{  
    color:#00C627  
}
```

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 #00C627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C627
}
```

Border

The CSS property to change the border of an element to Decimal 50727 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
#00C627 }
```

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

```
.border{ border-color:#00C627 }
```

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

Here you see how a box with a 4 pixel #00C627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C627; -webkit-box-shadow:4px 4px  
4px 4px #00C627; box-shadow:4px 4px 4px  
4px #00C627 }
```

Background

The CSS property to change the background color of an element to Decimal 50727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C627 }
```

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

```
.background{ background-color:#00C627 }
```

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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