

Converting Colors

Decimal(50797)

Have a look what the booklet for
Decimal(50797) contains.

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Color

Decimal(50797)

Conversions

Conversions Part 1

Format	Color
Hex	00C66D
RGB	0, 198, 109
RGB Percent	0%, 78%, 43%
CMY	1.0000, 0.2235, 0.5725
CMYK	1.00, 0.00, 0.45, 0.22
HSL	153°, 100%, 39%
HSV	153°, 100%, 78%
XYZ	22.9544, 41.4923, 21.2670
YIQ	128.6520, -89.4390, -69.6550

Conversions

Conversions Part 2

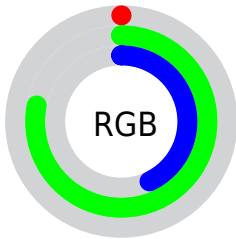
Format	Color
RYB	0, 128, 198
Decimal	50797
CIELab	70.52, -61.56, 33.13
CIELCh	71, 69.906, 151.711
Yxy	41.4923, 0.2678, 0.4841
Android (android.graphics.Color)	4278240877 (0xFF00C66D)
YUV	128.6520, -9.6884, -112.8278
Hunter-Lab	64.4145, -49.1161, 25.5151

Details

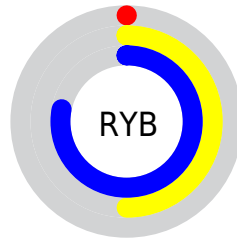
The Decimal color **50797** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **12976217**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **6619042**, and **36667** is the 20% darker color. If you saturate the color by 10%, you get **50797**, and if you desaturate by 10%, it is **1361526**.

Distribution



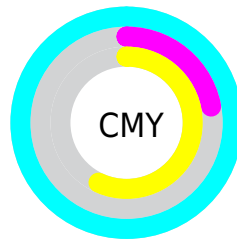
- Red (0%)
- Green (78%)
- Blue (43%)



- Red (0%)
- Yellow (50%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)






- Cyan (100%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50797 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 50797 by changing the saturation by 10% instead.

 50797	 50797
 16777215	 43604
 6619042	 36667
 8716221	 29732
 10747865	 23050
 12779510	 16640
 14745599	 10496
	 1024
	 0

 50797

 1361526

 2672255

 3917448


 5228177

 6538906

 7849634

 9160363

 10405556

 11716285

Harmonies

Analogous

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



9026613



50797



51886

Triad

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



50797



46079



16742765

Complementary

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



50797



12976217

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.



16740012



50797



11639551

Square

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



50797



49919



16547562



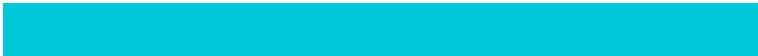
16486969

Rectangle

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



50797



51930



16547562



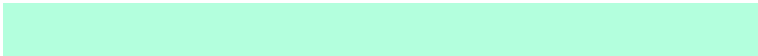
16741249

Sweetspot

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



50797



11796445



5883392



5406827



0



8421504

Same Dimension

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



50797



65420



48326



5923679



41818



9236

Inverse Universe

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



12976217



16711795



12978688



6511198



10682441



2359312

Previews

White Background



This preview shows how the Decimal color 50797 looks on a white background.

Color Contrast Check

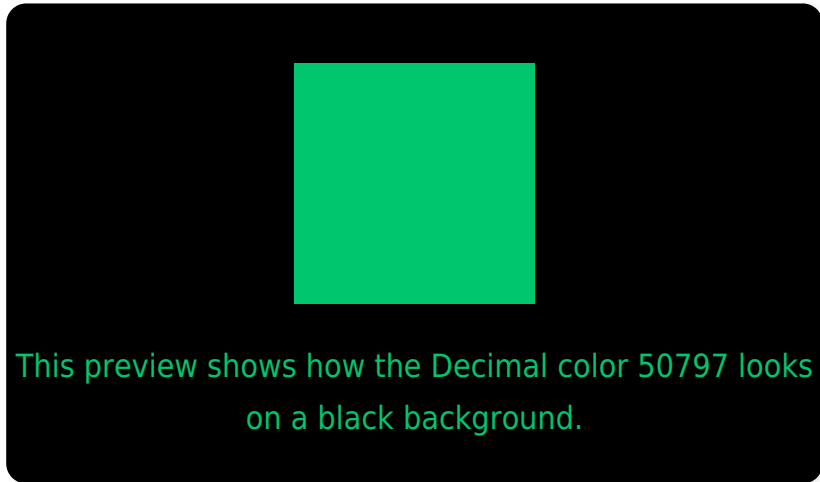
Large Text (above 18pt) WCAG AA × Fail

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 50797 Background



This preview shows how black text looks on a background with the Decimal color 50797.

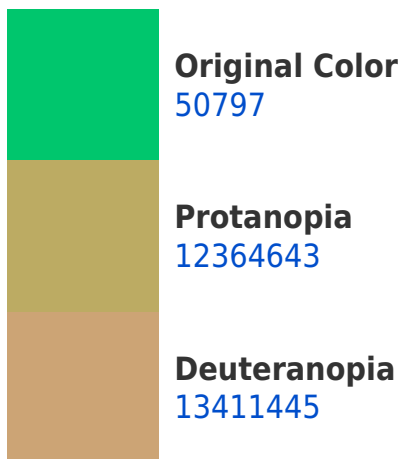


This preview shows how white text looks on a background with the Decimal color 50797.

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](#).

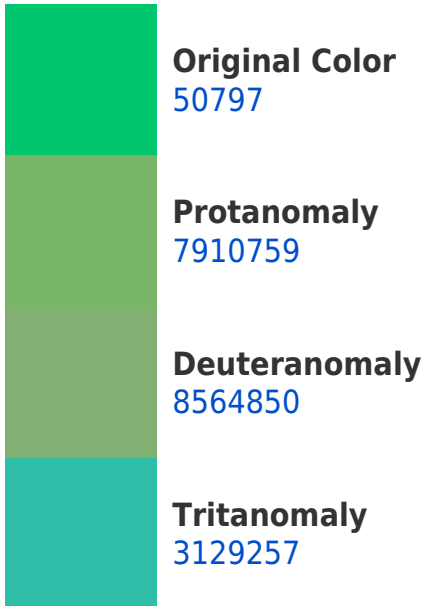
Dichromacy



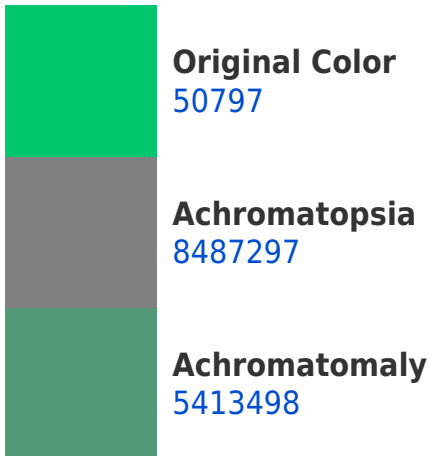


Tritanopia
4897739

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 50797 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 #00C66D looks like.

```
.text, #text, p{  
    color:#00C66D  
}
```

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 #00C66D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C66D
}
```

Border

The CSS property to change the border of an element to Decimal 50797 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
#00C66D }
```

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

```
.border{ border-color:#00C66D }
```

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

Here you see how a box with a 4 pixel #00C66D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C66D; -webkit-box-shadow:4px 4px  
4px 4px #00C66D; box-shadow:4px 4px 4px  
4px #00C66D }
```

Background

The CSS property to change the background color of an element to Decimal 50797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C66D }
```

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

```
.background{ background-color:#00C66D }
```

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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