

Converting Colors

Decimal(52330)

Have a look what the booklet for
Decimal(52330) contains.

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Color

Decimal(52330)

Conversions

Conversions Part 1

Format	Color
Hex	00CC6A
RGB	0, 204, 106
RGB Percent	0%, 80%, 42%
CMY	1.0000, 0.2000, 0.5843
CMYK	1.00, 0.00, 0.48, 0.20
HSL	151°, 100%, 40%
HSV	151°, 100%, 80%
XYZ	24.1944, 44.2263, 20.8970
YIQ	131.8320, -90.1260, -73.7260

Conversions

Conversions Part 2

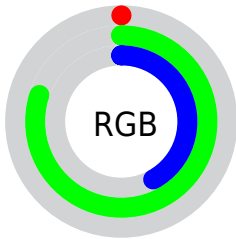
Format	Color
RYB	0, 134, 204
Decimal	52330
CIELab	72.38, -64.07, 37.01
CIELCh	72, 73.990, 149.983
Yxy	44.2263, 0.2709, 0.4952
Android (android.graphics.Color)	4278242410 (0xFF00CC6A)
YUV	131.8320, -12.7352, -115.6167
Hunter-Lab	66.5029, -51.4400, 27.9215

Details

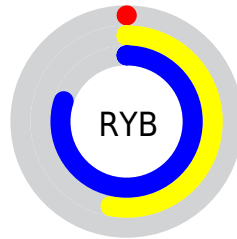
The Decimal color **52330** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **13369442**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **6750111**, and **37944** is the 20% darker color. If you saturate the color by 10%, you get **52330**, and if you desaturate by 10%, it is **1363060**.

Distribution



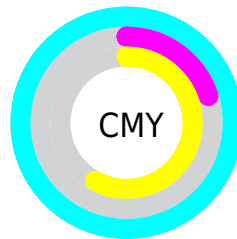
- Red (0%)
- Green (80%)
- Blue (42%)



- Red (0%)
- Yellow (53%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (20%)
















- Cyan (100%)
- Magenta (20%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52330 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 52330 by changing the saturation by 10% instead.

 52330	 52330
 16777215	 45137
 6750111	 37944
 8847290	 31007
 10878934	 24323
 12910579	 17664
 14942207	 11776
	 3840
	 0

 52330

 1363060

 2739326

 4050055

 5426321

 6737051

 8047781

 9424047

 10734776

 12111042

Harmonies

Analogous

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



9421101



52330



53679

Triad

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



52330



47615



16742514

Complementary

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



52330



13369442

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.



16740020



52330



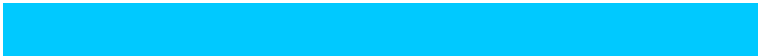
11510015

Square

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



52330



51711



16744950



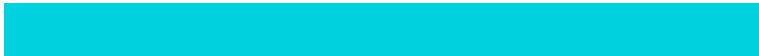
16749624

Rectangle

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



52330



53726



16744950



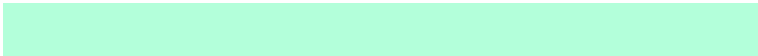
16740999

Sweetspot

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



52330



11796442



6540288



5406825



0



8421504

Same Dimension

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



52330



65412



51660



6055521



42582



9748

Inverse Universe

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



13369442



16711803



13370112



6708321



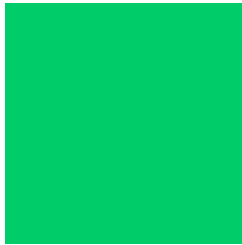
10879056



2490386

Previews

White Background



This preview shows how the Decimal color 52330 looks on a white background.

Color Contrast Check

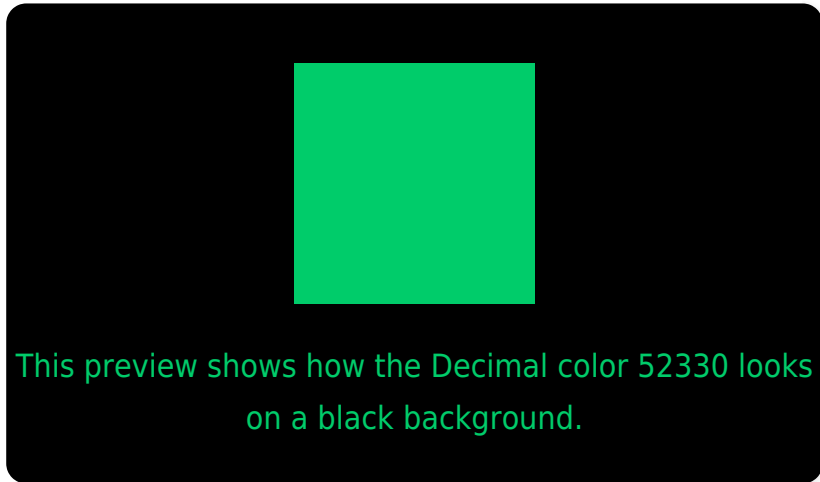
Large Text (above 18pt) WCAG AA × Fail

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 52330 Background



This preview shows how black text looks on a background with the Decimal color 52330.

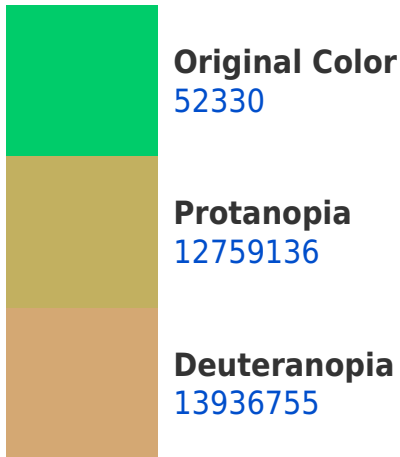


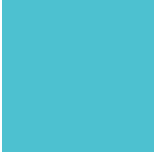
This preview shows how white text looks on a background with the Decimal color 52330.

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](#).

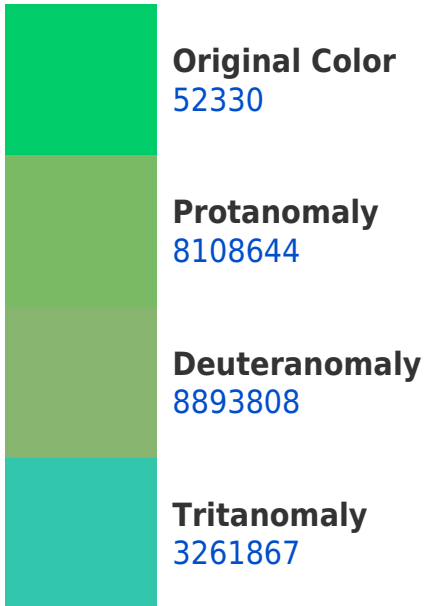
Dichromacy



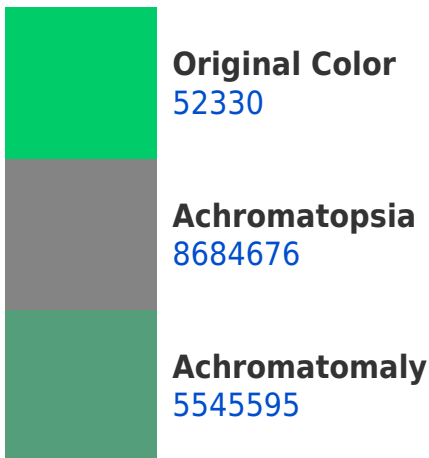


Tritanopia
5095888

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 52330 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 #00CC6A looks like.

```
.text, #text, p{  
    color:#00CC6A  
}
```

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 #00CC6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC6A
}
```

Border

The CSS property to change the border of an element to Decimal 52330 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
#00CC6A }
```

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

```
.border{ border-color:#00CC6A }
```

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

Here you see how a box with a 4 pixel #00CC6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC6A; -webkit-box-shadow:4px 4px  
4px 4px #00CC6A; box-shadow:4px 4px 4px  
4px #00CC6A }
```

Background

The CSS property to change the background color of an element to Decimal 52330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC6A }
```

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

```
.background{ background-color:#00CC6A }
```

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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