

Converting Colors

Decimal(50493)

Have a look what the booklet for
Decimal(50493) contains.

Decimal(50493)	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(50493)

Conversions

Conversions Part 1

Format	Color
Hex	00C53D
RGB	0, 197, 61
RGB Percent	0%, 77%, 24%
CMY	1.0000, 0.2275, 0.7608
CMYK	1.00, 0.00, 0.69, 0.23
HSL	139°, 100%, 39%
HSV	139°, 100%, 77%
XYZ	20.8086, 40.2694, 11.0909
YIQ	122.5930, -73.7560, -84.0600

Conversions

Conversions Part 2

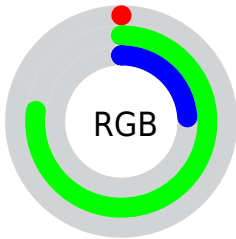
Format	Color
RYB	0, 150, 197
Decimal	50493
CIELab	69.66, -67.88, 54.29
CIELCh	70, 86.917, 141.348
Yxy	40.2694, 0.2883, 0.5580
Android (android.graphics.Color)	4278240573 (0xFF00C53D)
YUV	122.5930, -30.3653, -107.5141
Hunter-Lab	63.4582, -52.5200, 34.0583

Details

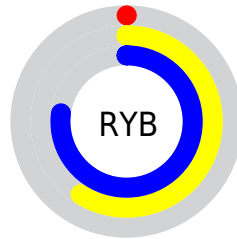
The Decimal color **50493** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **12910728**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **6684531**, and **36096** is the 20% darker color. If you saturate the color by 10%, you get **50493**, and if you desaturate by 10%, it is **1361227**.

Distribution



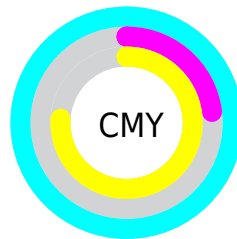
- Red (0%)
- Green (77%)
- Blue (24%)



- Red (0%)
- Yellow (59%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50493 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 50493 by changing the saturation by 10% instead.

 50493	 50493
 16777215	 43296
 6684531	 36096
 8847246	 29440
 10878890	 22528
 12910534	 16384
 14942179	 9984
	 0

 50493

 1361227

 2606424

 3917158

 5227891

 6538625

 7783823

 9094556

 10405290

 11650487

Harmonies

Analogous

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



9942784



50493



52368

Triad

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



50493



48127



16733814

Complementary

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



50493



12910728

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.



16732869



50493



7249919

Square

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



50493



51711



15825151



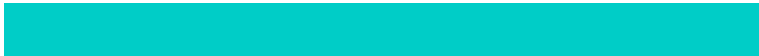
16743210

Rectangle

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



50493



52679



15825151



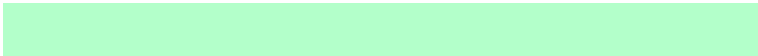
16731792

Sweetspot

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



50493



11796426



9094400



5406816



0



8421504

Same Dimension

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



50493



65359



50590



5923677



41779



9227

Inverse Universe

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



12910728



16711856



12910631



6511200



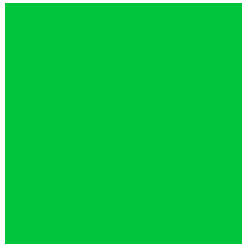
10682481



2359321

Previews

White Background



This preview shows how the Decimal color 50493 looks on a white background.

Color Contrast Check

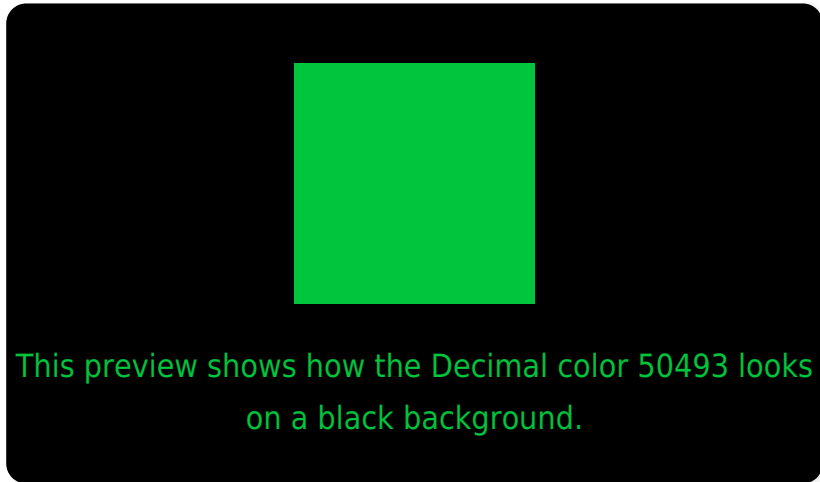
Large Text (above 18pt) WCAG AA × Fail

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 50493 Background



This preview shows how black text looks on a background with the Decimal color 50493.



This preview shows how white text looks on a background with the Decimal color 50493.

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](#).

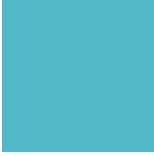
Dichromacy



Original Color
50493

Protanopia
12429622

Deuteranopia
13738314



Tritanopia
5290183

Trichromacy



Original Color

50493



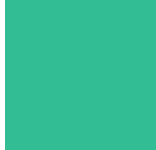
Protanomaly

7910201



Deuteranomaly

8760901



Tritanomaly

3390869

Monochromacy



Original Color

50493



Achromatopsia

8092539



Achromatomaly

5150308

CSS Examples

Text

The CSS property to change the color of the text to Decimal 50493 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 #00C53D looks like.

```
.text, #text, p{  
    color:#00C53D  
}
```

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 #00C53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C53D
}
```

Border

The CSS property to change the border of an element to Decimal 50493 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
#00C53D }
```

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

```
.border{ border-color:#00C53D }
```

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

Here you see how a box with a 4 pixel #00C53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C53D; -webkit-box-shadow:4px 4px  
4px 4px #00C53D; box-shadow:4px 4px 4px  
4px #00C53D }
```

Background

The CSS property to change the background color of an element to Decimal 50493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C53D }
```

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

```
.background{ background-color:#00C53D }
```

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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