

Converting Colors

Decimal(49772)

Have a look what the booklet for
Decimal(49772) contains.

Decimal(49772)	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(49772)

Conversions

Conversions Part 1

Format	Color
Hex	00C26C
RGB	0, 194, 108
RGB Percent	0%, 76%, 42%
CMY	1.0000, 0.2392, 0.5765
CMYK	1.00, 0.00, 0.44, 0.24
HSL	153°, 100%, 38%
HSV	153°, 100%, 76%
XYZ	21.9986, 39.6663, 20.6843
YIQ	126.1900, -88.0180, -67.8740

Conversions

Conversions Part 2

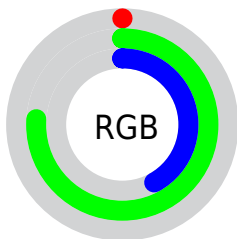
Format	Color
RYB	0, 125, 194
Decimal	49772
CIELab	69.23, -60.39, 31.98
CIELCh	69, 68.332, 152.096
Yxy	39.6663, 0.2671, 0.4817
Android (android.graphics.Color)	4278239852 (0xFF00C26C)
YUV	126.1900, -8.9677, -110.6686
Hunter-Lab	62.9812, -47.8692, 24.6148

Details

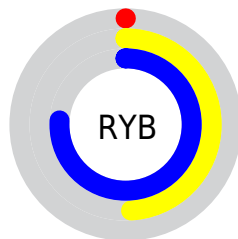
The Decimal color **49772** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **12714070**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **6552736**, and **35643** is the 20% darker color. If you saturate the color by 10%, you get **49772**, and if you desaturate by 10%, it is **1294965**.

Distribution



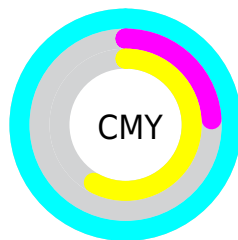
- Red (0%)
- Green (76%)
- Blue (42%)



- Red (0%)
- Yellow (49%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 49772 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 49772 by changing the saturation by 10% instead.

 49772	 49772
16777215	 42579
 6552736	 35643
 8650684	 28707
 10616792	 22026
 12648436	 15616
 14680063	 9728
16646143	 0

 49772

 1294965

 2605693

 3850886

 5161614

 6406807

 7652000

 8962728

 10207921

 11518649

Harmonies

Analogous

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



8763445



49772



50860

Triad

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



49772



45055



16742251

Complementary

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



49772



12714070

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.



16739751



49772



11507711

Square

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



49772



48895



16219108



16093240

Rectangle

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



49772



50902



16219108



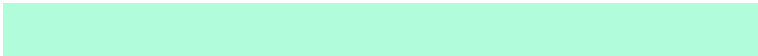
16740734

Sweetspot

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



49772



11664603



5751296



5406827



0



8421504

Same Dimension

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



49772



64653



47298



5726557



41305



8466

Inverse Universe

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



12714070



16515184



12716544



6379356



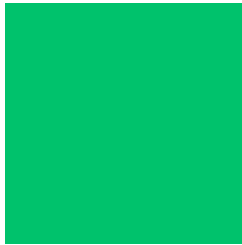
10551367



2162703

Previews

White Background



This preview shows how the Decimal color 49772 looks on a white background.

Color Contrast Check

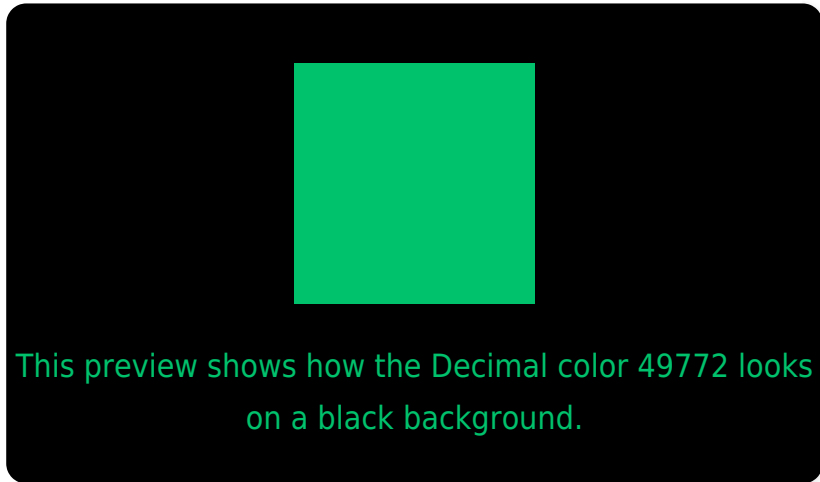
Large Text (above 18pt) WCAG AA × Fail

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 49772 Background



This preview shows how black text looks on a background with the Decimal color 49772.

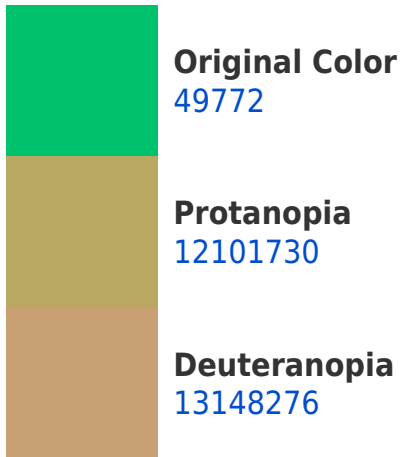


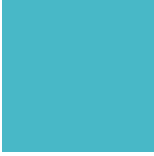
This preview shows how white text looks on a background with the Decimal color 49772.

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
4765895

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 49772 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 #00C26C looks like.

```
.text, #text, p{  
    color:#00C26C  
}
```

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 #00C26C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C26C
}
```

Border

The CSS property to change the border of an element to Decimal 49772 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
#00C26C }
```

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

```
.border{ border-color:#00C26C }
```

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

Here you see how a box with a 4 pixel #00C26C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C26C; -webkit-box-shadow:4px 4px  
4px 4px #00C26C; box-shadow:4px 4px 4px  
4px #00C26C }
```

Background

The CSS property to change the background color of an element to Decimal 49772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C26C }
```

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

```
.background{ background-color:#00C26C }
```

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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