

Converting Colors

Decimal(49247)

Have a look what the booklet for
Decimal(49247) contains.

Decimal(49247)	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(49247)

Conversions

Conversions Part 1

Format	Color
Hex	00C05F
RGB	0, 192, 95
RGB Percent	0%, 75%, 37%
CMY	1.0000, 0.2471, 0.6275
CMYK	1.00, 0.00, 0.51, 0.25
HSL	150°, 100%, 38%
HSV	150°, 100%, 75%
XYZ	20.9152, 38.5255, 17.1603
YIQ	123.5340, -83.2950, -70.8710

Conversions

Conversions Part 2

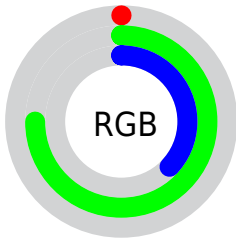
Format	Color
RYB	0, 128, 192
Decimal	49247
CIELab	68.41, -61.96, 37.50
CIELCh	68, 72.419, 148.817
Yxy	38.5255, 0.2730, 0.5029
Android (android.graphics.Color)	4278239327 (0xFF00C05F)
YUV	123.5340, -14.0673, -108.3393
Hunter-Lab	62.0689, -48.4719, 27.0562

Details

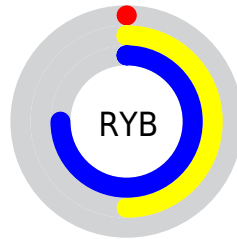
The Decimal color **49247** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed green. A complement of this color would be **12583009**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **6486675**, and **35117** is the 20% darker color. If you saturate the color by 10%, you get **49247**, and if you desaturate by 10%, it is **1294441**.

Distribution



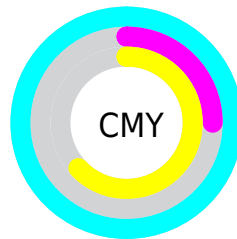
- Red (0%)
- Green (75%)
- Blue (37%)



- Red (0%)
- Yellow (50%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 49247 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 49247 by changing the saturation by 10% instead.

 49247	 49247
16777215	 42054
 6486675	 35117
 8585134	 28180
 10616778	 21504
 12648423	 15360
 14614527	 9216
16646143	 0

 49247

 1294441

 2539634

 3850364

 5095558

 6340751

 7585945

 8831139

 10141869

 11387062

Harmonies

Analogous

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



8959266



49247



50594

Triad

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



49247



45055



16739948

Complementary

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



49247



12583009

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.



16737708



49247



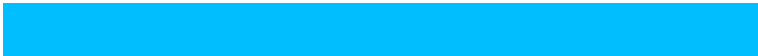
10524415

Square

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



49247



48895



15956204



16484659

Rectangle

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



49247



50639



15956204



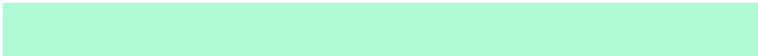
16738433

Sweetspot

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



49247



11533012



6537216



5274982



16579836



8224125

Same Dimension

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



49247



64124



49341



5726556



41295



8464

Inverse Universe

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



12583009



16384126



12582915



6379356



10551377



2162705

Previews

White Background



This preview shows how the Decimal color 49247 looks on a white background.

Color Contrast Check

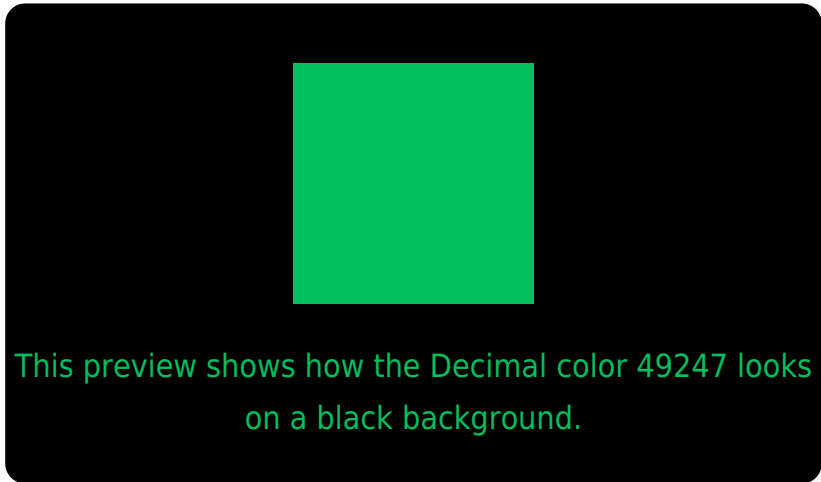
Large Text (above 18pt) WCAG AA × Fail

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 49247 Background



This preview shows how black text looks on a background with the Decimal color 49247.

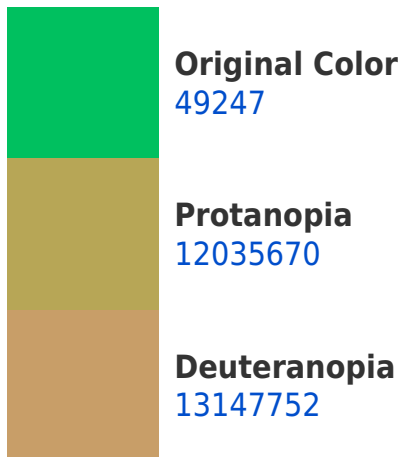


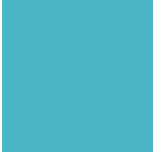
This preview shows how white text looks on a background with the Decimal color 49247.

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](#).

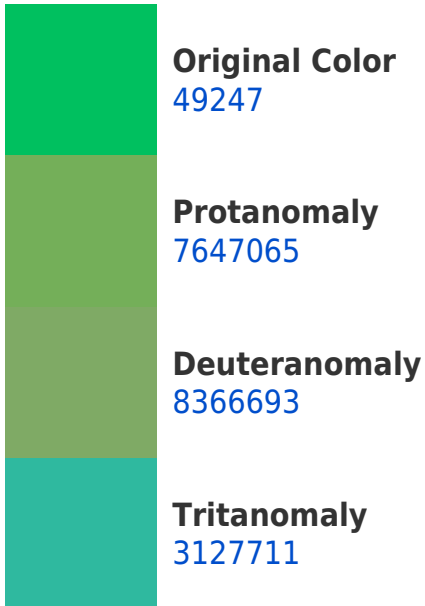
Dichromacy





Tritanopia
4896196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 49247 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 #00C05F looks like.

```
.text, #text, p{  
    color:#00C05F  
}
```

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 #00C05F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C05F
}
```

Border

The CSS property to change the border of an element to Decimal 49247 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
#00C05F }
```

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

```
.border{ border-color:#00C05F }
```

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

Here you see how a box with a 4 pixel #00C05F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C05F; -webkit-box-shadow:4px 4px  
4px 4px #00C05F; box-shadow:4px 4px 4px  
4px #00C05F }
```

Background

The CSS property to change the background color of an element to Decimal 49247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C05F }
```

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

```
.background{ background-color:#00C05F }
```

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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