

# Converting Colors

Decimal(47684)

Have a look what the booklet for  
Decimal(47684) contains.

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# **Color**

**Decimal(47684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BA44
RGB	0, 186, 68
RGB Percent	0%, 73%, 27%
CMY	1.0000, 0.2706, 0.7333
CMYK	1.00, 0.00, 0.63, 0.27
HSL	142°, 100%, 36%
HSV	142°, 100%, 73%
XYZ	18.6023, 35.5352, 11.3474
YIQ	116.9340, -72.9780, -76.1300

# Conversions

## Conversions Part 2

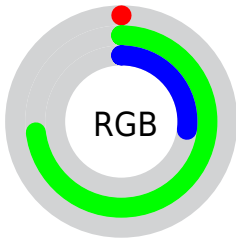
Format	Color
<a href="#">RYB</a>	0, 136, 186
Decimal	47684
CIELab	66.16, -63.85, 47.54
CIELCh	66, 79.608, 143.330
Yxy	35.5352, 0.2841, 0.5426
Android (android.graphics.Color)	4278237764 (0xFF00BA44)
YUV	116.9340, -24.1245, -102.5511
Hunter-Lab	59.6114, -48.6173, 30.4418

# Details

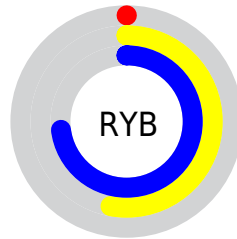
The Decimal color **47684** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **12189814**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6419320**, and **33545** is the 20% darker color. If you saturate the color by 10%, you get **47684**, and if you desaturate by 10%, it is **1292880**.

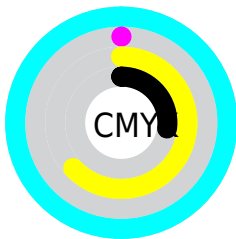
# Distribution



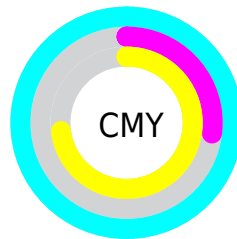
- Red (0%)
- Green (73%)
- Blue (27%)



- Red (0%)
- Yellow (53%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 47684 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 47684 by changing the saturation by 10% instead.



 47684	 47684
 16777215	 40489
 6419320	 33545
 8519571	 26880
 10551215	 20224
 12517323	 14080
 14548968	 7680
 16580607	 0

 47684

 1292880

 2472540

 3717735

 4897395

 6142591

 7387787

 8567447

 9812642

 10992302

# Harmonies

## Analogous

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



9154048



47684



49294

# Triad

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



47684



44799



16734573

# Complementary

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



47684



12189814

# 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.



16733108



47684



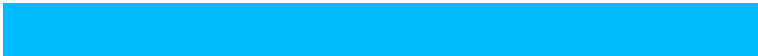
8033791

# Square

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



47684



48383



15102711



16742698

# Rectangle

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



47684



49600



15102711



16732804

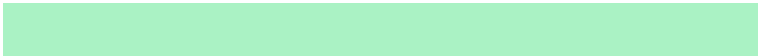


# Sweetspot

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



47684



11203268



7977472



5143134



16448250



8026746



# Same Dimension

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



47684



62041



47774



5463126



39993



7178



# Inverse Universe

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



12189814



15859866



12189724



6050648



10223715

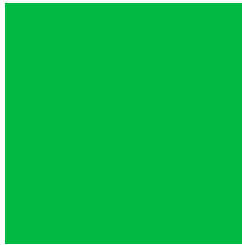


1835026



# Previews

## White Background



This preview shows how the Decimal color 47684 looks on a white background.

## Color Contrast Check

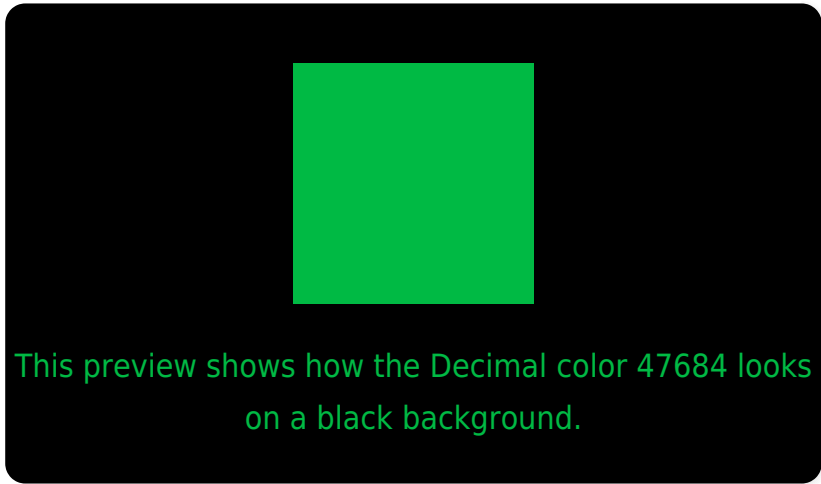
Large Text (above 18pt) WCAG AA × Fail

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 47684 Background



This preview shows how black text looks on a background with the Decimal color 47684.




This preview shows how white text looks on a background with the Decimal color 47684.

# 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**  
4959932

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 47684 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 #00BA44 looks like.

```
.text, #text, p{  
    color:#00BA44  
}
```

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 #00BA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA44
}
```

## Border

The CSS property to change the border of an element to Decimal 47684 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
#00BA44 }
```

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

```
.border{ border-color:#00BA44 }
```

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

Here you see how a box with a 4 pixel #00BA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA44; -webkit-box-shadow:4px 4px  
4px 4px #00BA44; box-shadow:4px 4px 4px  
4px #00BA44 }
```

# Background

The CSS property to change the background color of an element to Decimal 47684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA44 }
```

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

```
.background{ background-color:#00BA44 }
```

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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