

# Converting Colors

Decimal(46447)

Have a look what the booklet for  
Decimal(46447) contains.

<b>Decimal(46447)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(46447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B56F
RGB	0, 181, 111
RGB Percent	0%, 71%, 44%
CMY	1.0000, 0.2902, 0.5647
CMYK	1.00, 0.00, 0.39, 0.29
HSL	157°, 100%, 35%
HSV	157°, 100%, 71%
XYZ	19.3931, 34.1954, 20.6172
YIQ	118.9010, -85.4060, -60.1420

# Conversions

## Conversions Part 2

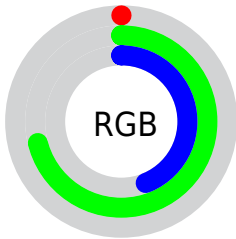
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 112, 181
Decimal	46447
CIELab	65.12, -55.29, 25.01
CIELCh	65, 60.682, 155.659
Yxy	34.1954, 0.2613, 0.4608
Android (android.graphics.Color)	4278236527 (0xFF00B56F)
YUV	118.9010, -3.8952, -104.2762
Hunter-Lab	58.4769, -43.1373, 20.0299

# Details

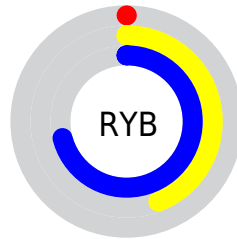
The Decimal color **46447** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **11862086**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6287011**, and **32574** is the 20% darker color. If you saturate the color by 10%, you get **46447**, and if you desaturate by 10%, it is **1226102**.

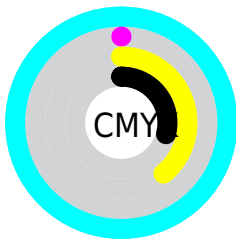
# Distribution



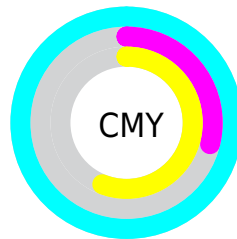
- Red (0%)
- Green (71%)
- Blue (44%)



- Red (0%)
- Yellow (44%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 46447 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 46447 by changing the saturation by 10% instead.



 46447	 46447
 16777215	 39254
 6287011	 32574
 8323006	 25895
 10289114	 19217
 12320759	 13312
 14286847	 6656
 16252927	 0

 46447


 1226102

 2405757

 3585412

 4765067

 6010258

 7189913

 8369568

 9549223

 10728878

# Harmonies

## Analogous

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



7908671



46447



47271

# Triad

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



46447



3645951



16479842

# Complementary

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



46447



11862086

# 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.



16739222



46447



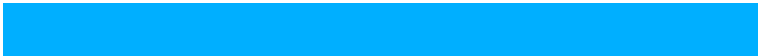
11439095

# Square

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



46447



45055



15234508



14584632

# Rectangle

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



46447



47308



15234508



16740466



# Sweetspot

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



46447



10808271



4764928



4945253



16119285



7697781



# Same Dimension

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



46447



60304



41909



5265750



39262



6672



# Inverse Universe

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



11862086



15401051



11866624



5853268



10027067



1703946



# Previews

## White Background



This preview shows how the Decimal color 46447 looks on a white background.

## Color Contrast Check

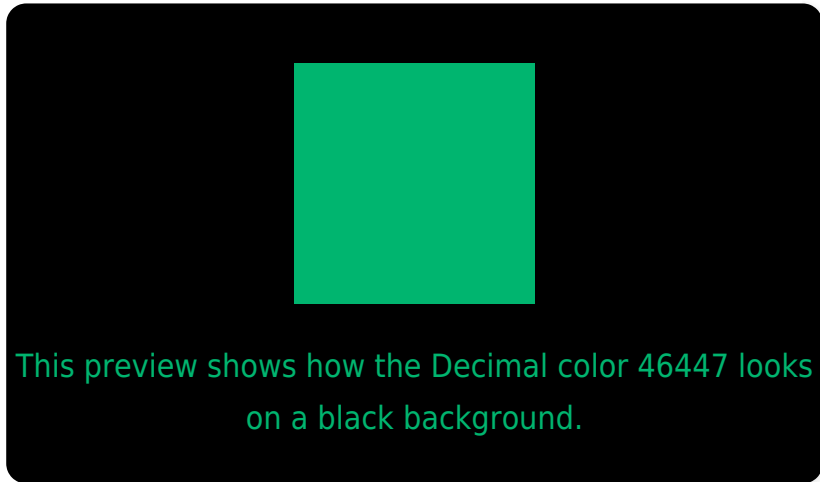
Large Text (above 18pt) WCAG AA × Fail

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

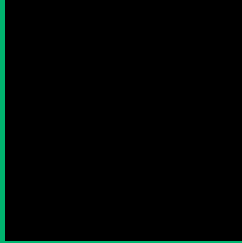
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 46447 Background



This preview shows how black text looks on a background with the Decimal color 46447.

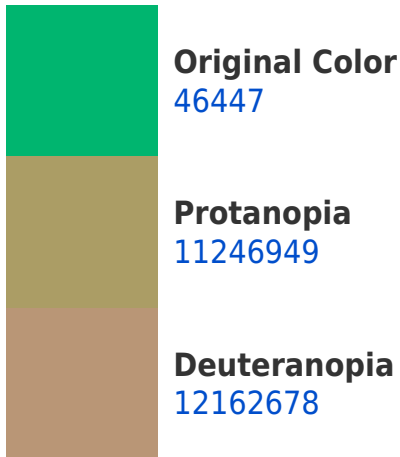


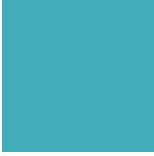
This preview shows how white text looks on a background with the Decimal color 46447.

# 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](#).

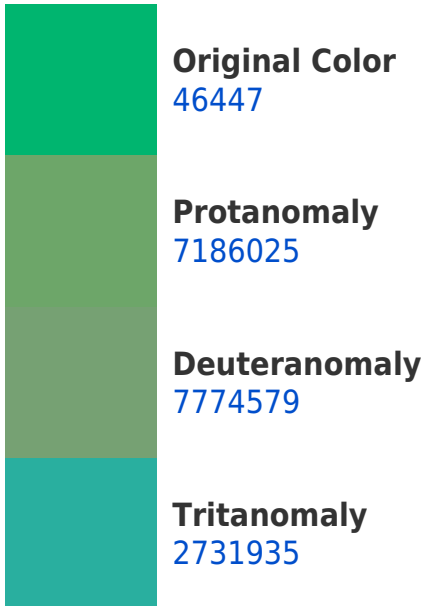
## Dichromacy



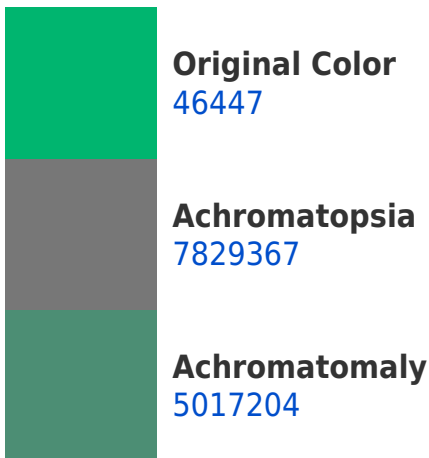


**Tritanopia**  
4304058

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 46447 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 #00B56F looks like.

```
.text, #text, p{  
    color:#00B56F  
}
```

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 #00B56F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B56F
}
```

## Border

The CSS property to change the border of an element to Decimal 46447 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
#00B56F }
```

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

```
.border{ border-color:#00B56F }
```

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

Here you see how a box with a 4 pixel #00B56F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B56F; -webkit-box-shadow:4px 4px  
4px 4px #00B56F; box-shadow:4px 4px 4px  
4px #00B56F }
```

# Background

The CSS property to change the background color of an element to Decimal 46447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B56F }
```

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

```
.background{ background-color:#00B56F }
```

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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