

# Converting Colors

Decimal(447326)

Have a look what the booklet for  
Decimal(447326) contains.

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# **Color**

**Decimal(447326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06D35E
RGB	6, 211, 94
RGB Percent	2%, 83%, 37%
CMY	0.9765, 0.1725, 0.6314
CMYK	0.97, 0.00, 0.55, 0.17
HSL	146°, 94%, 43%
HSV	146°, 97%, 83%
XYZ	25.3898, 47.4354, 18.4074
YIQ	136.3670, -84.6230, -79.8470

# Conversions

## Conversions Part 2

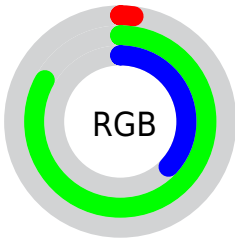
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 149, 211
Decimal	447326
CIELab	74.47, -67.93, 45.39
CIELCh	74, 81.700, 146.250
Yxy	47.4354, 0.2783, 0.5199
Android (android.graphics.Color)	4278637406 (0xFF06D35E)
YUV	136.3670, -20.8869, -114.3319
Hunter-Lab	68.8734, -54.7254, 32.3652

# Details

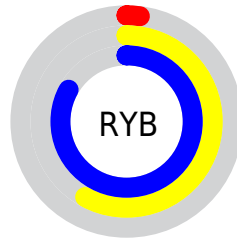
The Decimal color **447326** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **13829755**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **6946707**, and **39722** is the 20% darker color. If you saturate the color by 10%, you get **54107**, and if you desaturate by 10%, it is **1823594**.

# Distribution



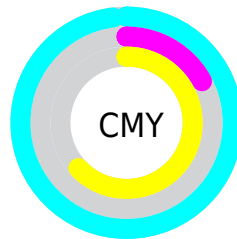
- Red (2%)
- Green (83%)
- Blue (37%)



- Red (2%)
- Yellow (58%)
- Blue (83%)



- Cyan (97%)
- Magenta (0%)
- Yellow (55%)
- Black (17%)



- Cyan (98%)
- Magenta (17%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 447326 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 447326 by changing the saturation by 10% instead.





447326



447326

16777215



46916



6946707



39722



9109422



32779



11141066



25856



13172711



19200



15269887



13312



6144



0



447326



447326

■ 54107

■ 1823594

■ 3199862

■ 4576130

■ 5952398

■ 7394202

■ 8770470

■ 10146738

■ 11523006

■ 12899274

# Harmonies

## Analogous

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



10143243



447326



55723

# Triad

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



447326



50175



16740986

# Complementary

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



447326



13829755

# 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.



16738756



447326



10659839

# Square

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



447326



54271



16745471



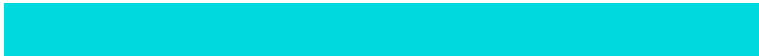
16749110

# Rectangle

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



447326



56031



16745471



16739218

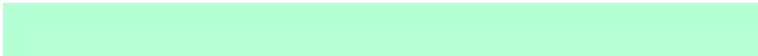


# Sweetspot

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



447326



11927509



8311558



5472358



0



8421504



# Same Dimension

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



447326



65389



447426



6187363



43080



10514



# Inverse Universe

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



13829755



16711826



13829655



6905444



11010144



2686999



# Previews

## White Background



This preview shows how the Decimal color 447326 looks on a white background.

## Color Contrast Check

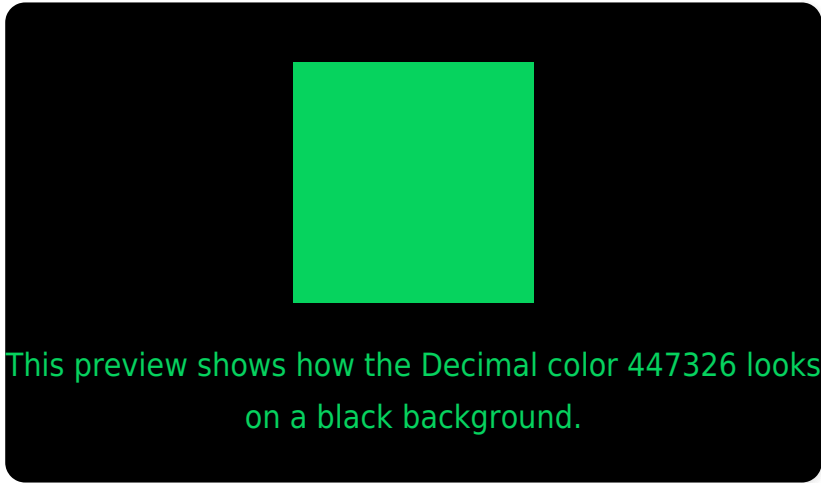
Large Text (above 18pt) WCAG AA × Fail

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 447326 Background



This preview shows how black text looks on a background with the Decimal color 447326.

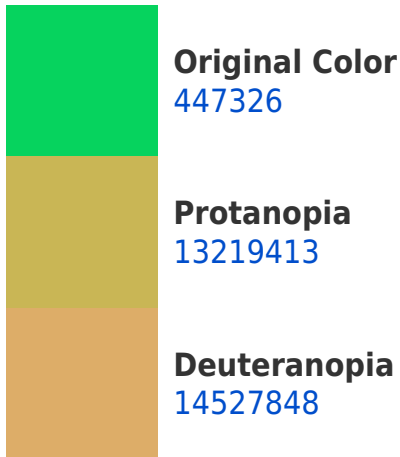


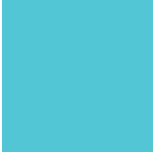
This preview shows how white text looks on a background with the Decimal color 447326.

# 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](#).

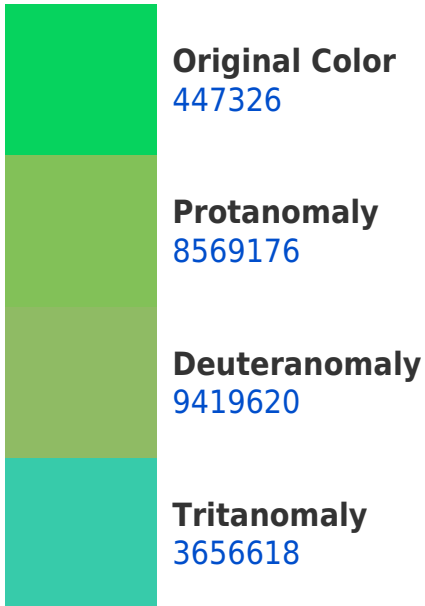
## Dichromacy





**Tritanopia**  
5490390

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 447326 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 #06D35E looks like.

```
.text, #text, p{  
    color:#06D35E  
}
```

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 #06D35E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06D35E
}
```

## Border

The CSS property to change the border of an element to Decimal 447326 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
#06D35E }
```

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

```
.border{ border-color:#06D35E }
```

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

Here you see how a box with a 4 pixel #06D35E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06D35E; -webkit-box-shadow:4px 4px  
4px 4px #06D35E; box-shadow:4px 4px 4px  
4px #06D35E }
```

# Background

The CSS property to change the background color of an element to Decimal 447326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06D35E }
```

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

```
.background{ background-color:#06D35E }
```

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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