

# Converting Colors

Decimal(444016)

Have a look what the booklet for  
Decimal(444016) contains.

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# **Color**

**Decimal(444016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06C670
RGB	6, 198, 112
RGB Percent	2%, 78%, 44%
CMY	0.9765, 0.2235, 0.5608
CMYK	0.97, 0.00, 0.43, 0.22
HSL	153°, 94%, 40%
HSV	153°, 97%, 78%
XYZ	23.1938, 41.5967, 22.1358
YIQ	130.7880, -86.8260, -67.4500

# Conversions

## Conversions Part 2

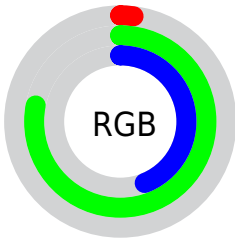
Format	Color
<a href="#">RYB</a>	<a href="#">6, 130, 198</a>
Decimal	<a href="#">444016</a>
CIELab	<a href="#">70.59, -60.79, 31.70</a>
CIELCh	<a href="#">71, 68.558, 152.462</a>
Yxy	<a href="#">41.5967, 0.2668, 0.4785</a>
Android (android.graphics.Color)	<a href="#">4278634096 (0xFF06C670)</a>
YUV	<a href="#">130.7880, -9.2625, -109.4391</a>
Hunter-Lab	<a href="#">64.4955, -48.6752, 24.7977</a>

# Details

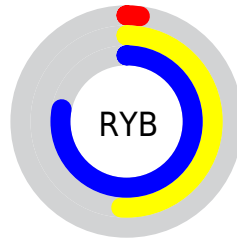
The Decimal color **444016** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **12977756**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **6684581**, and **36670** is the 20% darker color. If you saturate the color by 10%, you get **50797**, and if you desaturate by 10%, it is **1754745**.

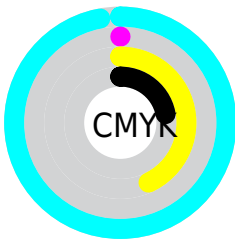
# Distribution



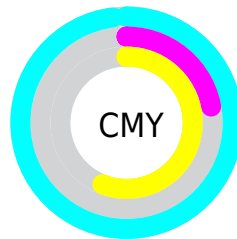
- Red (2%)
- Green (78%)
- Blue (44%)



- Red (2%)
- Yellow (51%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 444016 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 444016 by changing the saturation by 10% instead.





444016



444016

16777215



43607



6684581



36670



8781760



29735



10813404



23054



12779513



16640



14811135



10496



1024



0



444016



444016

■ 50797

■ 1754745

■ 3065474

■ 4310667

■ 5621395

■ 6932124

■ 8242853

■ 9553582

■ 10798775

■ 12109504

# Harmonies

## Analogous

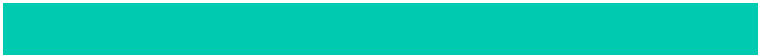
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8961081



444016



51888

# Triad

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



444016



45823



16743277

# Complementary

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



444016



1297756

# 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.



16740522



444016



11836159

# Square

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



444016



49919



16547815



16356410

# Rectangle

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



444016



51931



16547815



16741761

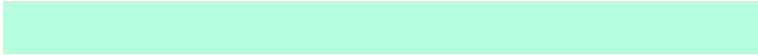


# Sweetspot

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



444016



11927518



6080006



5472364



0



8421504



# Same Dimension

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



444016



65421



441542



5923679



41818



9236



# Inverse Universe

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



12977756



16711794



12980230



6511198



10682441

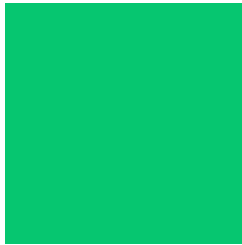


2359312



# Previews

## White Background



This preview shows how the Decimal color 444016 looks on a white background.

## Color Contrast Check

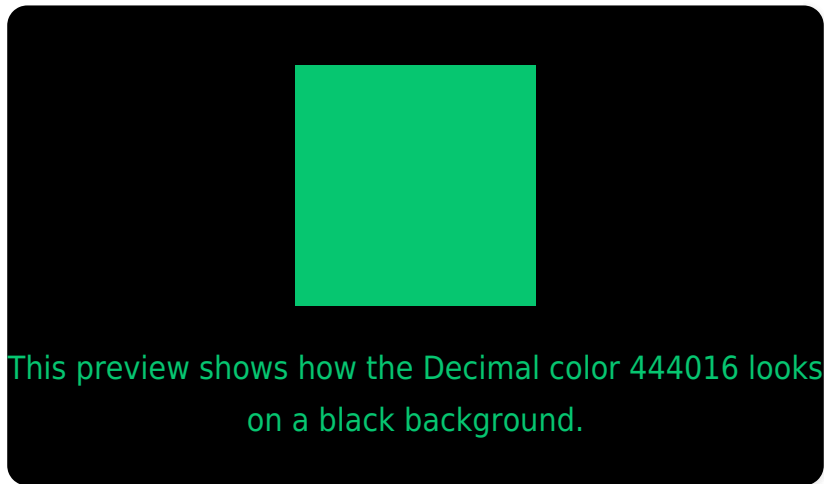
Large Text (above 18pt) WCAG AA × Fail

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 444016 Background



This preview shows how black text looks on a background with the Decimal color 444016.

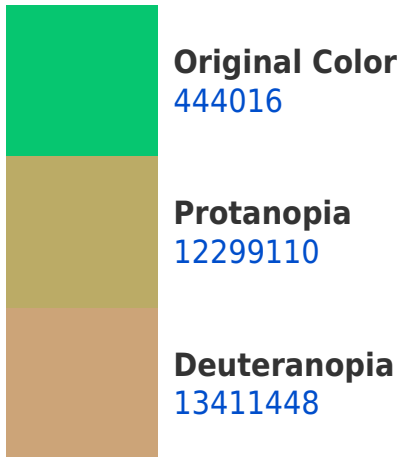


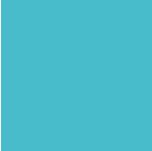
This preview shows how white text looks on a background with the Decimal color 444016.

# 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**  
4832459

# Trichromacy



**Original Color**

444016



**Protanomaly**

7976298



**Deuteranomaly**

8695925



**Tritanomaly**

3260586

# Monochromacy



**Original Color**

444016



**Achromatopsia**

8618883



**Achromatomaly**

5675900

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 444016 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 #06C670 looks like.

```
.text, #text, p{  
    color:#06C670  
}
```

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 #06C670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06C670
}
```

## Border

The CSS property to change the border of an element to Decimal 444016 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
#06C670 }
```

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

```
.border{ border-color:#06C670 }
```

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

Here you see how a box with a 4 pixel #06C670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06C670; -webkit-box-shadow:4px 4px  
4px 4px #06C670; box-shadow:4px 4px 4px  
4px #06C670 }
```

# Background

The CSS property to change the background color of an element to Decimal 444016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06C670 }
```

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

```
.background{ background-color:#06C670 }
```

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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