

# Converting Colors

Decimal(746496)

Have a look what the booklet for  
Decimal(746496) contains.

<b>Decimal(746496)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(746496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B6400
RGB	11, 100, 0
RGB Percent	4%, 39%, 0%
CMY	0.9569, 0.6078, 1.0000
CMYK	0.89, 0.00, 1.00, 0.61
HSL	113°, 100%, 20%
HSV	113°, 100%, 39%
XYZ	4.6952, 9.1855, 1.5255
YIQ	61.9890, -20.9440, -49.9680

# Conversions

## Conversions Part 2

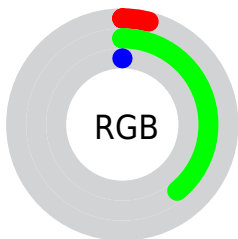
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 100, 89
Decimal	746496
CIELab	36.34, -42.14, 42.02
CIELCh	36, 59.513, 135.078
Yxy	9.1855, 0.3048, 0.5962
Android (android.graphics.Color)	4278936576 (0xFF0B6400)
YUV	61.9890, -30.5606, -44.7174
Hunter-Lab	30.3076, -25.3854, 18.2310

# Details

The Decimal color **746496** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5832804**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **5019704**, and **13312** is the 20% darker color. If you saturate the color by 10%, you get **746496**, and if you desaturate by 10%, it is **1336330**.

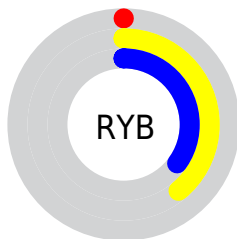
# Distribution



Red (4%)

Green (39%)

Blue (0%)



Red (0%)

Yellow (39%)

Blue (35%)

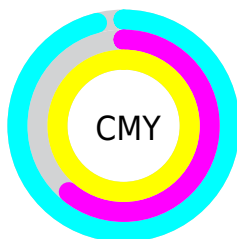


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (96%)

Magenta (61%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 746496 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 746496 by changing the saturation by 10% instead.



 746496	 746496
 16777205	 19200
 5019704	 13312
 6796114	 7680
 8638315	 0
 10480517	
 12320672	
 14221244	
 16121816	
 746496	

 1336330

 1926164

 2515998

 3105832

 3695666

 4219964

 4809798

 5399632

 5989466

# Harmonies

## Analogous

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



5462784



746496



26683

# Triad

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



746496



25267



11015488

# Complementary

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



746496



5832804

# 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.



10296431



746496



21427

# Square

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



746496



26777



7617434



10105360

# Rectangle

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



746496



27229



7617434



10948944



# Sweetspot

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



746496



6259291



6576128



2966058



12763842



4342338



# Same Dimension

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



746496



950784



25638



3027758



881408



1831424



# Inverse Universe

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



5832804



7602306



6553662



3288627



6684787

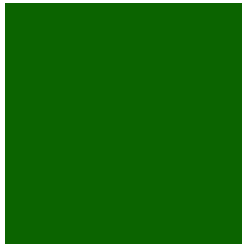


14156018



# Previews

## White Background



This preview shows how the Decimal color 746496 looks on a white background.

## Color Contrast Check

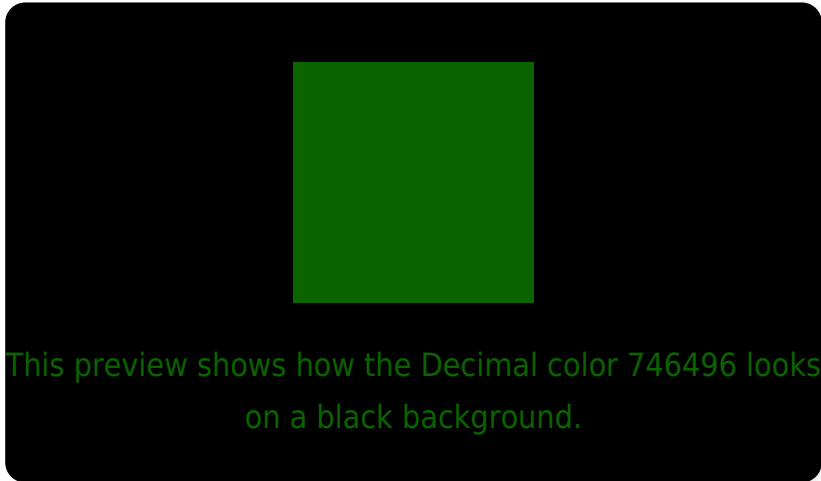
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Decimal 746496 Background



This preview shows how black text looks on a background with the Decimal color 746496.



This preview shows how white text looks on a background with the Decimal color 746496.

# 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



**Original Color**  
746496

**Protanopia**  
6313472

**Deuteranopia**  
7033110



# Trichromacy



**Original Color**

746496



**Protanomaly**

4283136



**Deuteranomaly**

4741134



**Tritanomaly**

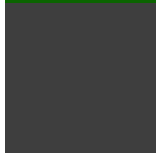
2056256

# Monochromacy



**Original Color**

746496



**Achromatopsia**

4079166



**Achromatomaly**

2837543

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 746496 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 #0B6400 looks like.

```
.text, #text, p{  
    color:#0B6400  
}
```

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 #0B6400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6400
}
```

## Border

The CSS property to change the border of an element to Decimal 746496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

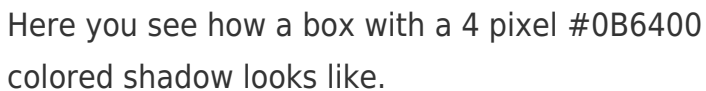
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B6400 }
```

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

```
.border{ border-color:#0B6400 }
```

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



Here you see how a box with a 4 pixel #0B6400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6400; -webkit-box-shadow:4px 4px  
4px 4px #0B6400; box-shadow:4px 4px 4px  
4px #0B6400 }
```

# Background

The CSS property to change the background color of an element to Decimal 746496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6400 }
```

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

```
.background{ background-color:#0B6400 }
```

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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