

# Converting Colors

Decimal(3690496)

Have a look what the booklet for  
Decimal(3690496) contains.

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**Color**

**Decimal(3690496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	385000
RGB	56, 80, 0
RGB Percent	22%, 31%, 0%
CMY	0.7804, 0.6863, 1.0000
CMYK	0.30, 0.00, 1.00, 0.69
HSL	78°, 100%, 16%
HSV	78°, 100%, 31%
XYZ	4.4995, 6.5781, 1.0325
YIQ	63.7040, 11.3760, -29.9680

# Conversions

## Conversions Part 2

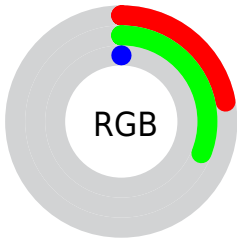
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 24
Decimal	3690496
CIELab	30.83, -20.96, 38.40
CIELCh	31, 43.751, 118.629
Yxy	6.5781, 0.3716, 0.5432
Android (android.graphics.Color)	4281880576 (0xFF385000)
YUV	63.7040, -31.4061, -6.7564
Hunter-Lab	25.6478, -13.5682, 15.5665

# Details

The Decimal color **3690496** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1572944**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **6979892**, and **271104** is the 20% darker color. If you saturate the color by 10%, you get **3690496**, and if you desaturate by 10%, it is **3821576**.

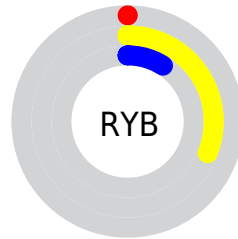
# Distribution



Red (22%)

Green (31%)

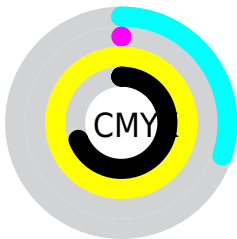
Blue (0%)



Red (0%)

Yellow (31%)

Blue (9%)

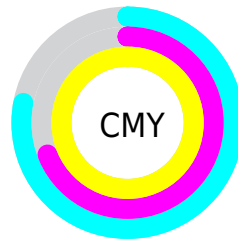


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (78%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3690496 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 3690496 by changing the saturation by 10% instead.



 3690496

 3690496


 16777198

 2177280

 6979892

 271104

 8690508

 1536

 10466917

 0

 12309119

 14151322

 16056245

 16777169

 3690496

■ 3821576

■ 4018192

■ 4149272

■ 4345888

■ 4476968

■ 4608048

■ 4804664

■ 4935744

■ 5132360

# Harmonies

## Analogous

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



5916416



3690496



21795

# Triad

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



3690496



21891



8594508

# Complementary

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



3690496



1572944

# 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.



7352173



3690496



19853

# Square

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



3690496



22632



4407429



8595754

# Rectangle

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



3690496



22330



4407429



8332887



# Sweetspot

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



3690496



6252873



5249024



3159586



11908533



3552822



# Same Dimension

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



3690496



4811008



1069056



2631973



10676224

# Inverse Universe

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



1572944



2031721



4194384



2499881



4587752

# Previews

## White Background



This preview shows how the Decimal color 3690496 looks on a white background.

## Color Contrast Check

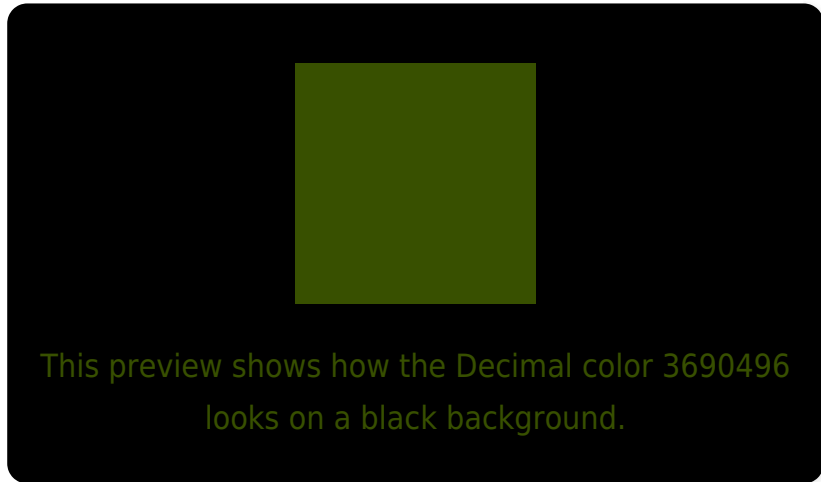
Large Text (above 18pt) WCAG AA ✓ Pass

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

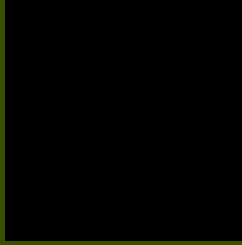
Any Text WCAG AA × Fail

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 3690496 Background



This preview shows how black text looks on a background with the Decimal color 3690496.



This preview shows how white text looks on a background with the Decimal color 3690496.

# 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

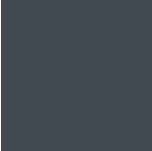


**Original Color**  
3690496

**Protanopia**  
5392640

**Deuteranopia**  
5981455





**Tritanopia**  
4213328

# Trichromacy



**Original Color**  
3690496

**Protanomaly**  
4803584

**Deuteranomaly**  
5130506

**Tritanomaly**  
4017203

# Monochromacy



**Original Color**  
3690496

**Achromatopsia**  
4210752

**Achromatomaly**  
4015657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3690496 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 #385000 looks like.

```
.text, #text, p{  
    color:#385000  
}
```

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 #385000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #385000
}
```

## Border

The CSS property to change the border of an element to Decimal 3690496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

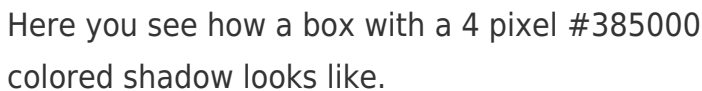
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#385000 }
```

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

```
.border{ border-color:#385000 }
```

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



Here you see how a box with a 4 pixel #385000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #385000; -webkit-box-shadow:4px 4px  
4px 4px #385000; box-shadow:4px 4px 4px  
4px #385000 }
```

# Background

The CSS property to change the background color of an element to Decimal 3690496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#385000 }
```

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

```
.background{ background-color:#385000 }
```

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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