

# Converting Colors

Decimal(3760408)

Have a look what the booklet for  
Decimal(3760408) contains.

<b>Decimal(3760408)</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(3760408)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	396118
RGB	57, 97, 24
RGB Percent	22%, 38%, 9%
CMY	0.7765, 0.6196, 0.9059
CMYK	0.41, 0.00, 0.75, 0.62
HSL	93°, 60%, 24%
HSV	93°, 75%, 38%
XYZ	6.1269, 9.4852, 2.3721
YIQ	76.7180, -0.4070, -31.1830

# Conversions

## Conversions Part 2

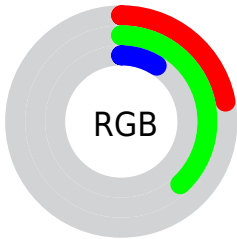
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 97, 64
Decimal	3760408
CIELab	36.90, -27.55, 35.35
CIELCh	37, 44.818, 127.926
Yxy	9.4852, 0.3407, 0.5274
Android (android.graphics.Color)	4281950488 (0xFF396118)
YUV	76.7180, -25.9900, -17.2927
Hunter-Lab	30.7980, -18.3861, 16.9921

# Details

The Decimal color **3760408** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4200545**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7115848**, and **406016** is the 20% darker color. If you saturate the color by 10%, you get **3432718**, and if you desaturate by 10%, it is **4088098**.

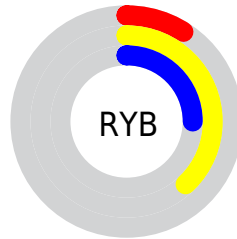
# Distribution



Red (22%)

Green (38%)

Blue (9%)



Red (9%)

Yellow (38%)

Blue (25%)

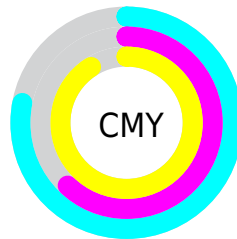


Cyan (41%)

Magenta (0%)

Yellow (75%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3760408 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 3760408 by changing the saturation by 10% instead.



■ 3760408

■ 3760408

16777215

■ 2115840

■ 7115848

■ 406016

■ 8826721

■ 7936

■ 10603131

■ 0

■ 12445589

■ 14286768

■ 16187340

■ 16777192

■ 3760408

■ 3760408

■ 3432718

■ 4088098

■ 3039493

■ 4481323

■ 2908416

■ 4809013

■ 5136703

■ 5529929

■ 5857618

■ 6185308

■ 6578534

■ 6906223

# Harmonies

## Analogous

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



6313984



3760408



26170

# Triad

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



3760408



25242



9908815

# Complementary

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



3760408



4200545

# 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.



8993139



3760408



350367

# Square

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



3760408



26498



6572432



9583660

# Rectangle

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



3760408



26451



6572432



9778011



# Sweetspot

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



3760408



7175520



6373144



3555374



12566463



4210752



# Same Dimension

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



3760408



4160780



1597722



3026988



3371008



7139328



# Inverse Universe

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



4200545



4852861



6363231



3025968



3997808



8585456



# Previews

## White Background



This preview shows how the Decimal color 3760408 looks on a white background.

## Color Contrast Check

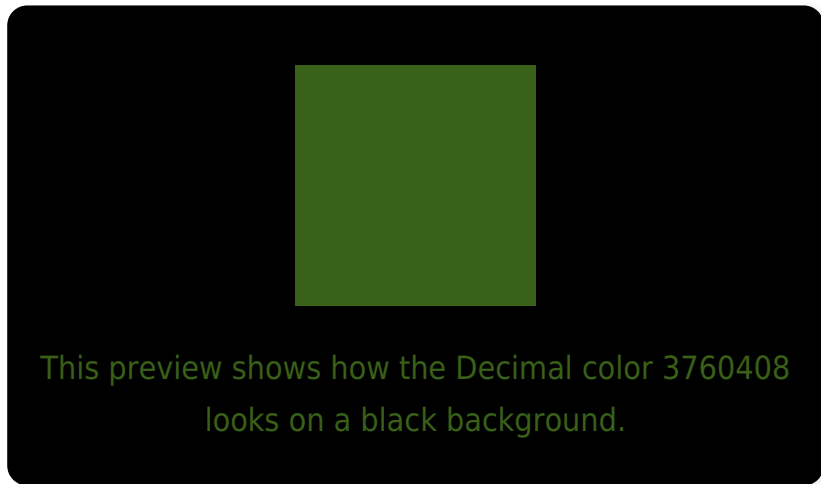
Large Text (above 18pt) WCAG AA ✓ Pass

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 3760408 Background



This preview shows how black text looks on a background with the Decimal color 3760408.



This preview shows how white text looks on a background with the Decimal color 3760408.

# 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**  
3760408

**Protanopia**  
6379285

**Deuteranopia**  
7098910



**Tritanopia**  
4479586

# Trichromacy



**Original Color**  
3760408

**Protanomaly**  
5397270

**Deuteranomaly**  
5855004

**Tritanomaly**  
4218183

# Monochromacy



**Original Color**  
3760408

**Achromatopsia**  
5066061

**Achromatomaly**  
4609082

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3760408 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 #396118 looks like.

```
.text, #text, p{  
  color:#396118  
}
```

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 #396118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396118
}
```

## Border

The CSS property to change the border of an element to Decimal 3760408 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
#396118 }
```

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

```
.border{ border-color:#396118 }
```

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

Here you see how a box with a 4 pixel #396118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396118; -webkit-box-shadow:4px 4px  
4px 4px #396118; box-shadow:4px 4px 4px  
4px #396118 }
```

# Background

The CSS property to change the background color of an element to Decimal 3760408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396118 }
```

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

```
.background{ background-color:#396118 }
```

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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