

# Converting Colors

Decimal(3761728)

Have a look what the booklet for  
Decimal(3761728) contains.

<b>Decimal(3761728)</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(3761728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	396640
RGB	57, 102, 64
RGB Percent	22%, 40%, 25%
CMY	0.7765, 0.6000, 0.7490
CMYK	0.44, 0.00, 0.37, 0.60
HSL	129°, 28%, 31%
HSV	129°, 44%, 40%
XYZ	7.3641, 10.7428, 6.5359
YIQ	84.2130, -14.6220, -21.3580

# Conversions

## Conversions Part 2

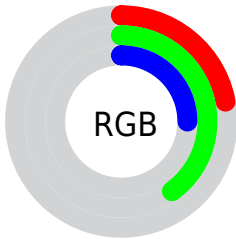
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	57, 96, 102
Decimal	3761728
CIE Lab	39.14, -24.53, 16.77
CIE LCh	39, 29.715, 145.650
Yxy	10.7428, 0.2988, 0.4359
Android (android.graphics.Color)	4281951808 (0xFF396640)
YUV	84.2130, -9.9650, -23.8658
Hunter-Lab	32.7762, -17.2530, 11.1202

# Details

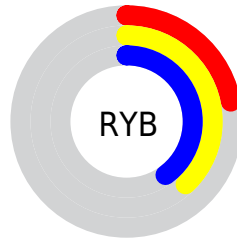
The Decimal color **3761728** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6699359**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **7051632**, and **407317** is the 20% darker color. If you saturate the color by 10%, you get **3106359**, and if you desaturate by 10%, it is **4417097**.

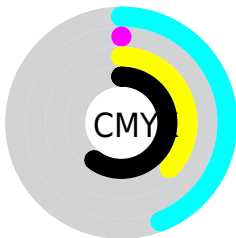
# Distribution



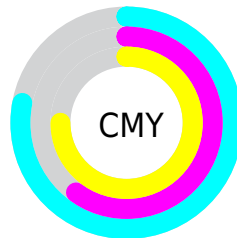
- Red (22%)
- Green (40%)
- Blue (25%)



- Red (22%)
- Yellow (38%)
- Blue (40%)



- Cyan (44%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)



- Cyan (78%)
- Magenta (60%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3761728 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 3761728 by changing the saturation by 10% instead.



■ 3761728

■ 3761728

16777215

■ 2182698

■ 7051632

■ 407317

■ 8696970

■ 8448

■ 10473636

■ 0

■ 12315839

■ 14155739

■ 15990776

■ 3761728

■ 3761728

■ 3106359

■ 4417097

■ 2450991

■ 5072465

■ 1730086

■ 5793370

■ 1074718

■ 6448738

■ 419349

■ 7104107

■ 26128

■ 7759476

■ 8414844

■ 9135749

■ 9791118

# Harmonies

## Analogous

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



5660975



3761728



551000

# Triad

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



3761728



2908300



9062985

# Complementary

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



3761728



6699359

# 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.



8866145



3761728



5855112

# Square

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



3761728



26243



7818872



8409397

# Rectangle

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



3761728



26984



7818872



9062736



# Sweetspot

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



3761728



7570806



6252089



3686969



12763842



4342338



# Same Dimension

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



3761728



4097353



3761750



3027759



29458



61990



# Inverse Universe

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



6699359



8732282



6699337



3354162



7536737

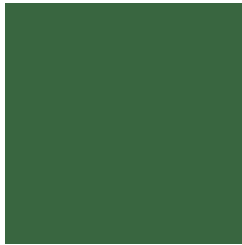


15859917



# Previews

## White Background



This preview shows how the Decimal color 3761728 looks on a white background.

## Color Contrast Check

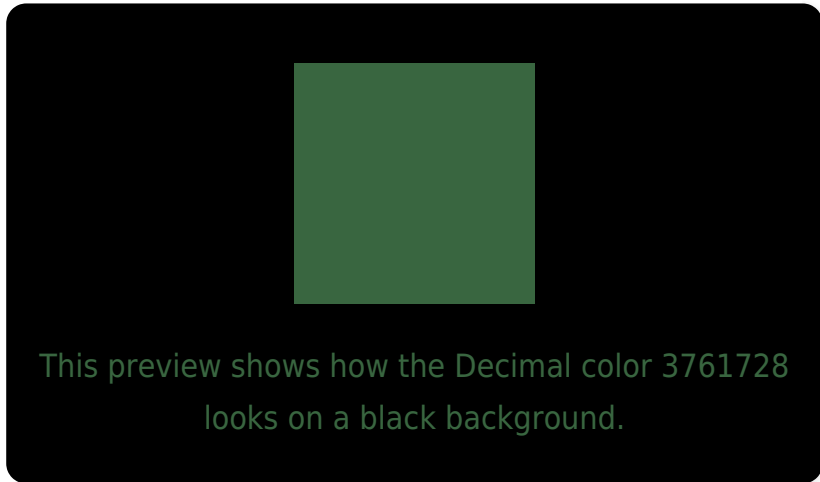
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

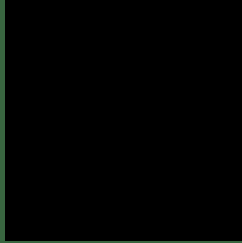
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3761728 Background



This preview shows how black text looks on a background with the Decimal color 3761728.



This preview shows how white text looks on a background with the Decimal color 3761728.

# 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**  
3761728

**Protanopia**  
6577212

**Deuteranopia**  
7166019



**Tritanopia**  
4350313

# Trichromacy



**Original Color**  
3761728

**Protanomaly**  
5529661

**Deuteranomaly**  
5922114

**Tritanomaly**  
4154202

# Monochromacy



**Original Color**  
3761728

**Achromatopsia**  
5526612

**Achromatomaly**  
4873037

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3761728 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 #396640 looks like.

```
.text, #text, p{  
    color:#396640  
}
```

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 #396640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396640
}
```

## Border

The CSS property to change the border of an element to Decimal 3761728 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
#396640 }
```

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

```
.border{ border-color:#396640 }
```

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

Here you see how a box with a 4 pixel #396640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396640; -webkit-box-shadow:4px 4px  
4px 4px #396640; box-shadow:4px 4px 4px  
4px #396640 }
```

# Background

The CSS property to change the background color of an element to Decimal 3761728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396640 }
```

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

```
.background{ background-color:#396640 }
```

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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