

Converting Colors

Decimal(3888433)

Have a look what the booklet for
Decimal(3888433) contains.

Decimal(3888433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3888433)

Conversions

Conversions Part 1

Format	Color
Hex	3B5531
RGB	59, 85, 49
RGB Percent	23%, 33%, 19%
CMY	0.7686, 0.6667, 0.8078
CMYK	0.31, 0.00, 0.42, 0.67
HSL	103°, 27%, 26%
HSV	103°, 42%, 33%
XYZ	5.6065, 7.6486, 4.0866
YIQ	73.1220, -3.9400, -16.7080

Conversions

Conversions Part 2

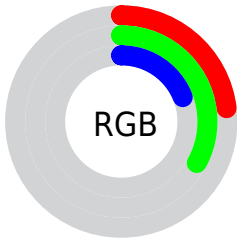
Format	Color
RYB	49, 85, 75
Decimal	3888433
CIELab	33.24, -17.61, 17.93
CIELCh	33, 25.132, 134.471
Yxy	7.6486, 0.3233, 0.4411
Android (android.graphics.Color)	4282078513 (0xFF3B5531)
YUV	73.1220, -11.8921, -12.3850
Hunter-Lab	27.6560, -12.2120, 10.5983

Details

The Decimal color **3888433** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4927829**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **7047008**, and **1058819** is the 20% darker color. If you saturate the color by 10%, you get **3495209**, and if you desaturate by 10%, it is **4281657**.

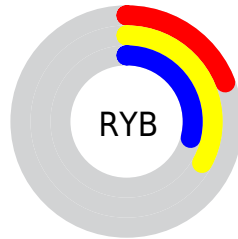
Distribution



Red (23%)

Green (33%)

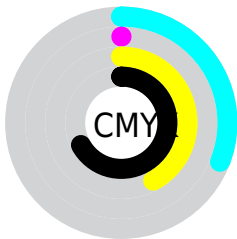
Blue (19%)



Red (19%)

Yellow (33%)

Blue (29%)

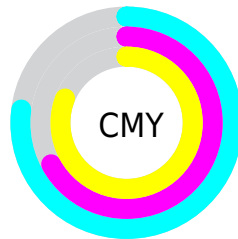


Cyan (31%)

Magenta (0%)

Yellow (42%)

Black (67%)



Cyan (77%)

Magenta (67%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3888433 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 3888433 by changing the saturation by 10% instead.



3888433



3888433

16777215



2375195



7047008



1058819



8757625



4864



10468498



0



12245165



14087369



15990757



3888433



3888433



3495209



4281657

■ 3101984

■ 4674882

■ 2708760

■ 5068106

■ 2249999

■ 5526867

■ 1856775

■ 5920092

■ 1594624

■ 6313316

■ 6706540

■ 7099765

■ 7492989

Harmonies

Analogous

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



5328935



3888433



2054211

Triad

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



3888433



1463156



7618117

Complementary

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



3888433



4927829

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.



7225177



3888433



4214133

Square

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



3888433



22377



6047083



7357235

Rectangle

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



3888433



22865



6047083



7552588

Sweetspot

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



3888433



6516319



5589809



3291183



12105912



3684408

Same Dimension

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



3888433



4550198



3233081



2632487



1993472



4320000

Inverse Universe

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



4927829



6174318



5583181



2762539



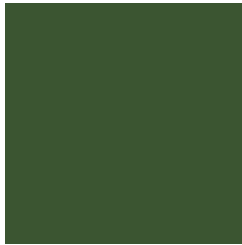
5046379



11075819

Previews

White Background



This preview shows how the Decimal color 3888433 looks on a white background.

Color Contrast Check

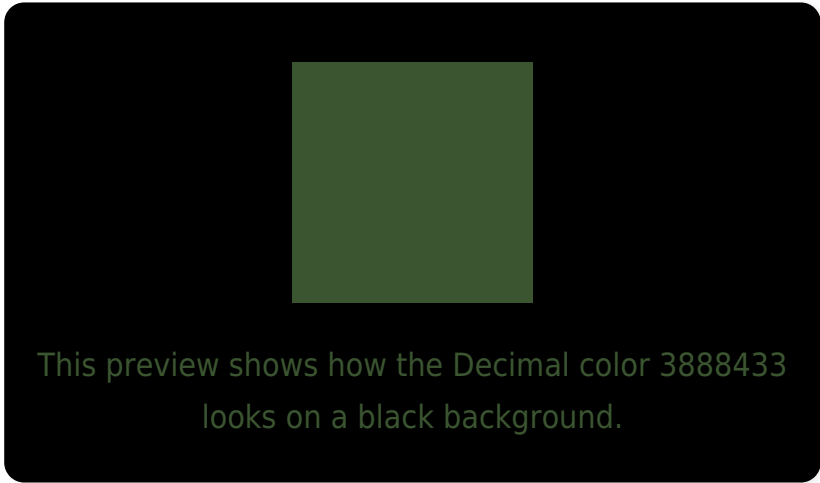
Large Text (above 18pt) WCAG AA ✓ Pass

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

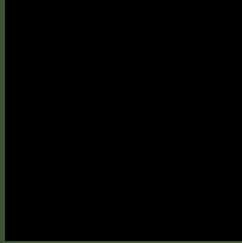
Any Text WCAG AA × Fail

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 3888433 Background



This preview shows how black text looks on a background with the Decimal color 3888433.



This preview shows how white text looks on a background with the Decimal color 3888433.

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](#).

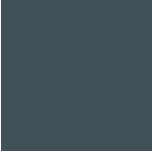
Dichromacy



Original Color
3888433

Protanopia
5590574

Deuteranopia
6179635



Tritanopia
4280663

Trichromacy



Original Color
3888433

Protanomaly
5001519

Deuteranomaly
5328690

Tritanomaly
4149833

Monochromacy



Original Color
3888433

Achromatopsia
4802889

Achromatomaly
4476224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3888433 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 #3B5531 looks like.

```
.text, #text, p{  
    color:#3B5531  
}
```

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 #3B5531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5531
}
```

Border

The CSS property to change the border of an element to Decimal 3888433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

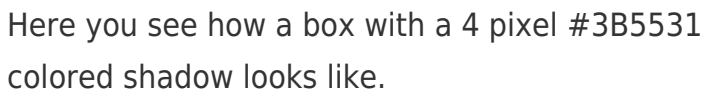
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B5531 }
```

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

```
.border{ border-color:#3B5531 }
```

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



Here you see how a box with a 4 pixel #3B5531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5531; -webkit-box-shadow:4px 4px  
4px 4px #3B5531; box-shadow:4px 4px 4px  
4px #3B5531 }
```

Background

The CSS property to change the background color of an element to Decimal 3888433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5531 }
```

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

```
.background{ background-color:#3B5531 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor