

Converting Colors

Decimal(3889462)

Have a look what the booklet for
Decimal(3889462) contains.

Decimal(3889462)	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(3889462)

Conversions

Conversions Part 1

Format	Color
Hex	3B5936
RGB	59, 89, 54
RGB Percent	23%, 35%, 21%
CMY	0.7686, 0.6510, 0.7882
CMYK	0.34, 0.00, 0.39, 0.65
HSL	111°, 24%, 28%
HSV	111°, 39%, 35%
XYZ	6.0419, 8.3409, 4.7815
YIQ	76.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

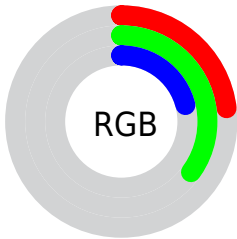
Format	Color
RYB	54, 89, 84
Decimal	3889462
CIELab	34.68, -18.91, 16.82
CIELCh	35, 25.313, 138.347
Yxy	8.3409, 0.3153, 0.4352
Android (android.graphics.Color)	4282079542 (0xFF3B5936)
YUV	76.0400, -10.8657, -14.9441
Hunter-Lab	28.8806, -13.1987, 10.4002

Details

The Decimal color **3889462** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5518937**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7113573**, and **928522** is the 20% darker color. If you saturate the color by 10%, you get **3365165**, and if you desaturate by 10%, it is **4413759**.

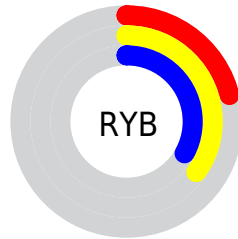
Distribution



Red (23%)

Green (35%)

Blue (21%)



Red (21%)

Yellow (35%)

Blue (33%)

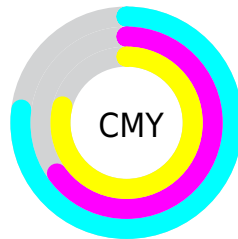


Cyan (34%)

Magenta (0%)

Yellow (39%)

Black (65%)



Cyan (77%)

Magenta (65%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3889462 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 3889462 by changing the saturation by 10% instead.



3889462



3889462

16777215



2375968



7113573



928522



8758910



6144



10535320



0



12311987



14154191



15990763



3889462



3889462



3365165



4413759

■ 2906404

■ 4872520

■ 2382107

■ 5396817

■ 1857810

■ 5921114

■ 1399050

■ 6379875

■ 874753

■ 6904171

■ 874752

■ 7362932

■ 7887229

■ 8411526

Harmonies

Analogous

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



5395498



3889462



1989705

Triad

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



3889462



2184825



7881286

Complementary

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



3889462



5518937

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.



7553626



3889462



4738936

Square

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



3889462



23151



6506605



7554868

Rectangle

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



3889462



23639



6506605



7881037

Sweetspot

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



3889462



6779749



5854262



3423026



12237498



3881787

Same Dimension

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



3889462



4551485



3561794



2632487



1010432



2288384

Inverse Universe

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



5518937



7028083



5846605



2828075



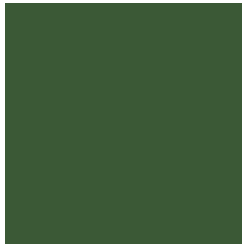
6029419



13172971

Previews

White Background



This preview shows how the Decimal color 3889462 looks on a white background.

Color Contrast Check

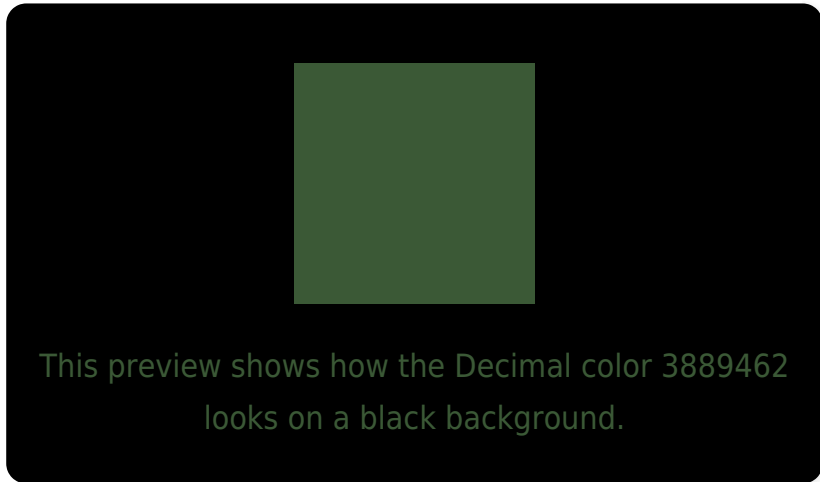
Large Text (above 18pt) WCAG AA ✓ Pass

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

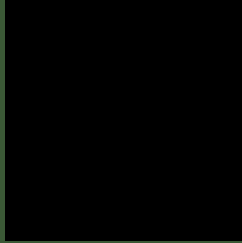
Any Text WCAG AA × Fail

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 3889462 Background



This preview shows how black text looks on a background with the Decimal color 3889462.



This preview shows how white text looks on a background with the Decimal color 3889462.

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
3889462

Protanopia
5853491

Deuteranopia
6377017



Tritanopia
4347227

Trichromacy



Original Color
3889462

Protanomaly
5133364

Deuteranomaly
5460536

Tritanomaly
4150862

Monochromacy



Original Color
3889462

Achromatopsia
5000268

Achromatomaly
4608324

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3889462 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 #3B5936 looks like.

```
.text, #text, p{  
    color:#3B5936  
}
```

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 #3B5936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5936
}
```

Border

The CSS property to change the border of an element to Decimal 3889462 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
#3B5936 }
```

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

```
.border{ border-color:#3B5936 }
```

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

Here you see how a box with a 4 pixel #3B5936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5936; -webkit-box-shadow:4px 4px  
4px 4px #3B5936; box-shadow:4px 4px 4px  
4px #3B5936 }
```

Background

The CSS property to change the background color of an element to Decimal 3889462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5936 }
```

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

```
.background{ background-color:#3B5936 }
```

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