

# Converting Colors

Decimal(3832593)

Have a look what the booklet for  
Decimal(3832593) contains.

<b>Decimal(3832593)</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(3832593)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A7B11
RGB	58, 123, 17
RGB Percent	23%, 48%, 7%
CMY	0.7725, 0.5176, 0.9333
CMYK	0.53, 0.00, 0.86, 0.52
HSL	97°, 76%, 27%
HSV	97°, 86%, 48%
XYZ	8.9291, 15.1059, 2.9754
YIQ	91.4810, -4.7140, -46.7460

# Conversions

## Conversions Part 2

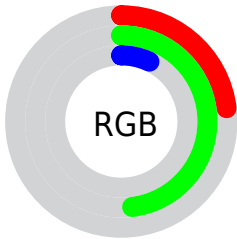
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 123, 82
Decimal	3832593
CIELab	45.78, -38.99, 46.27
CIElCh	46, 60.512, 130.119
Yxy	15.1059, 0.3306, 0.5593
Android (android.graphics.Color)	4282022673 (0xFF3A7B11)
YUV	91.4810, -36.7191, -29.3628
Hunter-Lab	38.8663, -27.0080, 22.6675

# Details

The Decimal color **3832593** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5378427**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **7385159**, and **18688** is the 20% darker color. If you saturate the color by 10%, you get **3308293**, and if you desaturate by 10%, it is **4356893**.

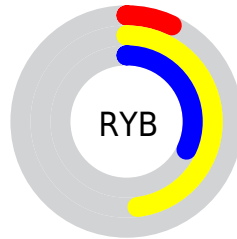
# Distribution



Red (23%)

Green (48%)

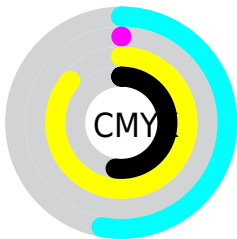
Blue (7%)



Red (7%)

Yellow (48%)

Blue (32%)

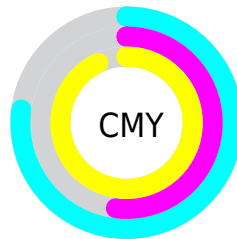


Cyan (53%)

Magenta (0%)

Yellow (86%)

Black (52%)



Cyan (77%)

Magenta (52%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3832593 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 3832593 by changing the saturation by 10% instead.



 3832593

 3832593

16777215

 1860096

 7385159

 18688

 9227361

 12800

 11004027

 7424

 12910486

 0

 14811058

 16711630

 16777194

 3832593

 3832593

■ 3308293

■ 4356893

■ 3177216

■ 4815658

■ 5339958

■ 5798722

■ 6323023

■ 6781787

■ 7306087

■ 7764851

■ 8289152

# Harmonies

## Analogous

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



7565312



3832593



33096

# Triad

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



3832593



31692



12923741

# Complementary

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



3832593



5378427

# 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.



11877776



3832593



28113

# Square

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



3832593



33453



8607419



12272941

# Rectangle

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



3832593



33643



8607419



12792686



# Sweetspot

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



3832593



8888695



8081681



4346424



13750737



5395026



# Same Dimension

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



3832593



4104448



1145628



3751223



3177728



6487040



# Inverse Universe

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



5378427



6488225



8065392



3880765



5046397



10158332



# Previews

## White Background



This preview shows how the Decimal color 3832593 looks on a white background.

## Color Contrast Check

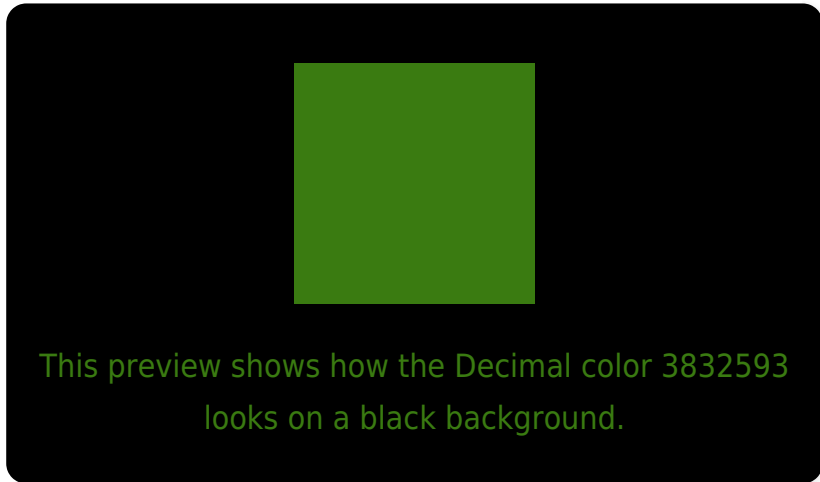
Large Text (above 18pt) WCAG AA ✓ Pass

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 3832593 Background



This preview shows how black text looks on a background with the Decimal color 3832593.



This preview shows how white text looks on a background with the Decimal color 3832593.

# 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**  
3832593

**Protanopia**  
8023052

**Deuteranopia**  
8873502



**Tritanopia**  
4944508

# Trichromacy



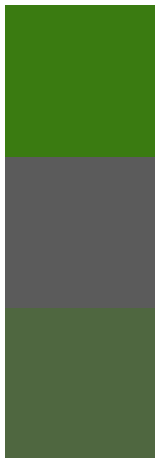
**Original Color**  
3832593

**Protanomaly**  
6517006

**Deuteranomaly**  
7040537

**Tritanomaly**  
4552021

# Monochromacy



**Original Color**  
3832593

**Achromatopsia**  
5987163

**Achromatomaly**  
5203776

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3832593 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 #3A7B11 looks like.

```
.text, #text, p{  
    color:#3A7B11  
}
```

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 #3A7B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7B11
}
```

## Border

The CSS property to change the border of an element to Decimal 3832593 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
#3A7B11 }
```

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

```
.border{ border-color:#3A7B11 }
```

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

Here you see how a box with a 4 pixel #3A7B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7B11; -webkit-box-shadow:4px 4px  
4px 4px #3A7B11; box-shadow:4px 4px 4px  
4px #3A7B11 }
```

# Background

The CSS property to change the background color of an element to Decimal 3832593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7B11 }
```

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

```
.background{ background-color:#3A7B11 }
```

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