

# Converting Colors

Decimal(3424008)

Have a look what the booklet for  
Decimal(3424008) contains.

<b>Decimal(3424008)</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(3424008)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	343F08
RGB	52, 63, 8
RGB Percent	20%, 25%, 3%
CMY	0.7961, 0.7529, 0.9686
CMYK	0.17, 0.00, 0.87, 0.75
HSL	72°, 77%, 14%
HSV	72°, 87%, 25%
XYZ	3.2375, 4.3026, 0.8896
YIQ	53.4410, 11.0990, -19.4370

# Conversions

## Conversions Part 2

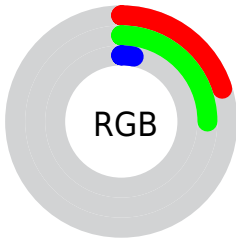
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 63, 19
Decimal	3424008
CIE Lab	24.65, -13.13, 29.77
CIE LCh	25, 32.537, 113.792
Yxy	4.3026, 0.3841, 0.5104
Android (android.graphics.Color)	4281614088 (0xFF343F08)
YUV	53.4410, -22.4024, -1.2638
Hunter-Lab	20.7427, -8.4396, 11.9772

# Details

The Decimal color **3424008** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1247295**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **6647606**, and **5632** is the 20% darker color. If you saturate the color by 10%, you get **3358466**, and if you desaturate by 10%, it is **3489550**.

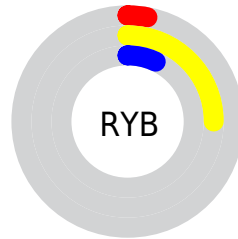
# Distribution



Red (20%)

Green (25%)

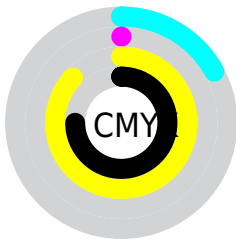
Blue (3%)



Red (3%)

Yellow (25%)

Blue (7%)

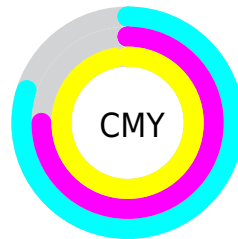


Cyan (17%)

Magenta (0%)

Yellow (87%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3424008 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 3424008 by changing the saturation by 10% instead.



 3424008

 3424008

 16777198

 1976576

 6647606

 5632

 8292430

 0

 10068583

 11844992

 13687195

 15529398

 16777169

 3424008

 3424008

■ 3358466

■ 3489550

■ 3292928

■ 3620629

■ 3686171

■ 3751713

■ 3817256

■ 3948334

■ 4013876

■ 4079418

■ 4144961

# Harmonies

## Analogous

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



4929540



3424008



1262620

# Triad

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



3424008



17506



6562625

# Complementary

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



3424008



1247295

# 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.



5450584



3424008



16235

# Square

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



3424008



17998



3225192



6694184

# Rectangle

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



3424008



17708



3225192



6301001



# Sweetspot

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



3424008



5067324



4133640



2500892



11053224



2697513



# Same Dimension

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



3424008



4280832



1654536



1974044



4939264



11656704



# Inverse Universe

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



1247295



1048658



3082303



1842207



1245278



2883806



# Previews

## White Background



This preview shows how the Decimal color 3424008 looks on a white background.

## Color Contrast Check

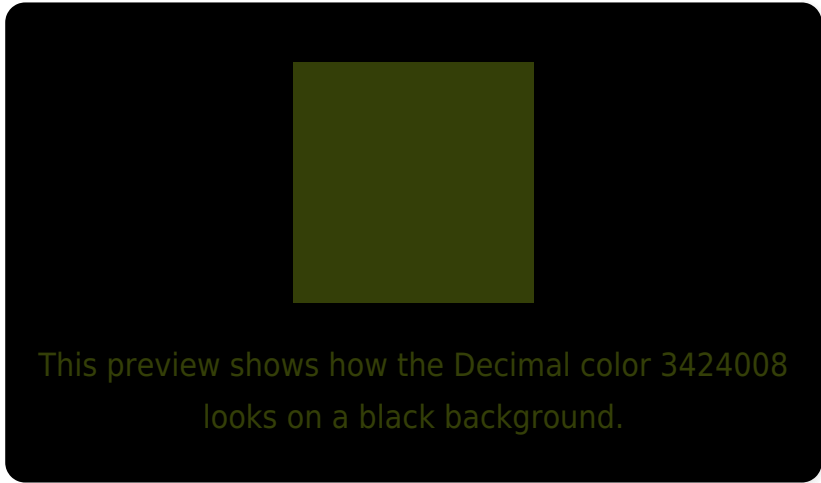
Large Text (above 18pt) WCAG AA ✓ Pass

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

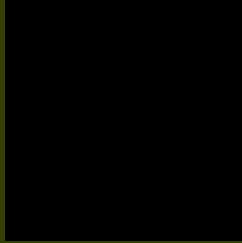
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3424008 Background



This preview shows how black text looks on a background with the Decimal color 3424008.



This preview shows how white text looks on a background with the Decimal color 3424008.

# 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](#).

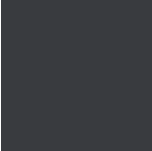
## Dichromacy



**Original Color**  
3424008

**Protanopia**  
4340487

**Deuteranopia**  
4864013



**Tritanopia**  
3750719

# Trichromacy



**Original Color**  
3424008

**Protanomaly**  
4013063

**Deuteranomaly**  
4340491

**Tritanomaly**  
3619883

# Monochromacy



**Original Color**  
3424008

**Achromatopsia**  
3487029

**Achromatomaly**  
3488037

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3424008 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 #343F08 looks like.

```
.text, #text, p{  
    color:#343F08  
}
```

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 #343F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343F08
}
```

## Border

The CSS property to change the border of an element to Decimal 3424008 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".

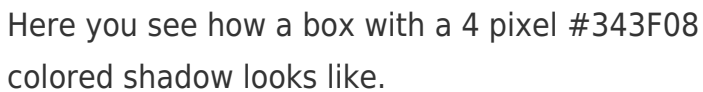
```
.border, #border, table{ border:4px solid
#343F08 }
```

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

```
.border{ border-color:#343F08 }
```

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

Here you see how a box with a 4 pixel #343F08 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343F08; -webkit-box-shadow:4px 4px  
4px 4px #343F08; box-shadow:4px 4px 4px  
4px #343F08 }
```

# Background

The CSS property to change the background color of an element to Decimal 3424008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343F08 }
```

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

```
.background{ background-color:#343F08 }
```

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