

# Converting Colors

Decimal(8224003)

Have a look what the booklet for  
Decimal(8224003) contains.

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**Color**

**Decimal(8224003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7D03
RGB	125, 125, 3
RGB Percent	49%, 49%, 1%
CMY	0.5098, 0.5098, 0.9882
CMYK	0.00, 0.00, 0.98, 0.51
HSL	60°, 95%, 25%
HSV	60°, 98%, 49%
XYZ	15.8075, 19.0338, 2.9269
YIQ	111.0920, 39.1620, -37.9420

# Conversions

## Conversions Part 2

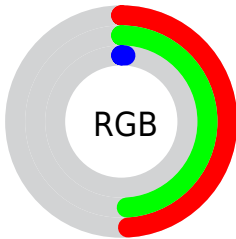
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 125, 3
Decimal	8224003
CIE Lab	50.73, -12.65, 55.13
CIE LCh	51, 56.567, 102.922
Yxy	19.0338, 0.4185, 0.5040
Android (android.graphics.Color)	4286414083 (0xFF7D7D03)
YUV	111.0920, -53.2894, 12.1973
Hunter-Lab	43.6277, -11.6731, 26.5618

# Details

The Decimal color **8224003** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **197501**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **11907395**, and **4738048** is the 20% darker color. If you saturate the color by 10%, you get **8224000**, and if you desaturate by 10%, it is **8224016**.

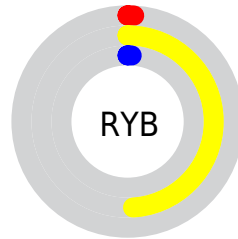
# Distribution



Red (49%)

Green (49%)

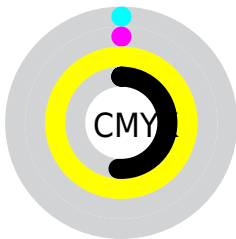
Blue (1%)



Red (1%)

Yellow (49%)

Blue (1%)

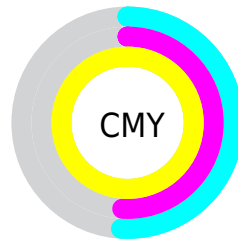


Cyan (0%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8224003 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 8224003 by changing the saturation by 10% instead.





8224003



8224003

16777215



6448128



11907395



4738048



13815133



3028480



15722872



1450240



16777107



1280



16777134



0



16777163



16777191



8224003



8224003

■ 8224000

■ 8224016

■ 8224028

■ 8224041

■ 8224053

■ 8224066

■ 8224078

■ 8224090

■ 8224103

■ 8224116

# Harmonies

## Analogous

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



10972177



8224003



4622380

# Triad

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



8224003



36282



12668566

# Complementary

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



8224003



197501

# 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.



9790144



8224003



34517

# Square

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



8224003



36749



3700695



13584742

# Rectangle

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



8224003



35914



3700695



11949222



# Sweetspot

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



8224003



10724212



8192771



5394997



13750737



5395026



# Same Dimension

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



8224003



10724096



4226307



4210745



8421376



0



# Inverse Universe

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



197501



163



4195197



3750208



128



0



# Previews

## White Background



This preview shows how the Decimal color 8224003 looks on a white background.

## Color Contrast Check

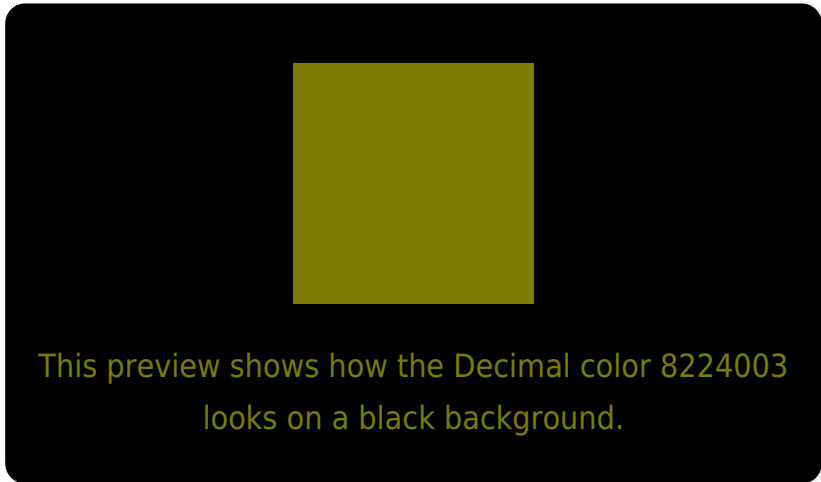
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 8224003 Background



This preview shows how black text looks on a background with the Decimal color 8224003.



This preview shows how white text looks on a background with the Decimal color 8224003.

# 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**  
8224003

**Protanopia**  
8943872

**Deuteranopia**  
10056467



**Tritanopia**  
8746109

# Trichromacy



**Original Color**

8224003

**Protanomaly**

8681985

**Deuteranomaly**

9402125

**Tritanomaly**

8550225

# Monochromacy



**Original Color**

8224003

**Achromatopsia**

7303023

**Achromatomaly**

7631944

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8224003 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 #7D7D03 looks like.

```
.text, #text, p{  
  color:#7D7D03  
}
```

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 #7D7D03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7D03
}
```

## Border

The CSS property to change the border of an element to Decimal 8224003 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
#7D7D03 }
```

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

```
.border{ border-color:#7D7D03 }
```

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

Here you see how a box with a 4 pixel #7D7D03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7D03; -webkit-box-shadow:4px 4px  
4px 4px #7D7D03; box-shadow:4px 4px 4px  
4px #7D7D03 }
```

# Background

The CSS property to change the background color of an element to Decimal 8224003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7D03 }
```

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

```
.background{ background-color:#7D7D03 }
```

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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