

# Converting Colors

Decimal(4064003)

Have a look what the booklet for  
Decimal(4064003) contains.

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# Color

**Decimal(4064003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E0303
RGB	62, 3, 3
RGB Percent	24%, 1%, 1%
CMY	0.7569, 0.9882, 0.9882
CMYK	0.00, 0.95, 0.95, 0.76
HSL	0°, 91%, 13%
HSV	0°, 95%, 24%
XYZ	2.0356, 1.0958, 0.1904
YIQ	20.6410, 35.1640, 12.5080

# Conversions

## Conversions Part 2

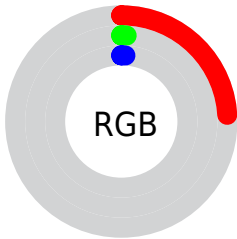
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 3, 3</a>
Decimal	<a href="#">4064003</a>
CIELab	<a href="#">9.77, 27.79, 14.11</a>
CIElCh	<a href="#">10, 31.173, 26.922</a>
Yxy	<a href="#">1.0958, 0.6128, 0.3299</a>
Android (android.graphics.Color)	<a href="#">4282254083 (0xFF3E0303)</a>
YUV	<a href="#">20.6410, -8.6970, 36.2718</a>
Hunter-Lab	<a href="#">10.4682, 16.3910, 6.2495</a>

# Details

The Decimal color **4064003** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **212542**, and the grayscale version is **1381653**.

A 20% lighter version of the original color is **7484210**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4063232**, and if you desaturate by 10%, it is **4065545**.

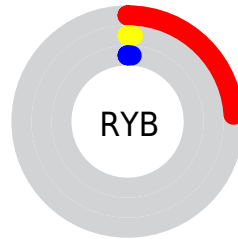
# Distribution



Red (24%)

Green (1%)

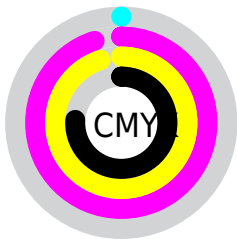
Blue (1%)



Red (24%)

Yellow (1%)

Blue (1%)

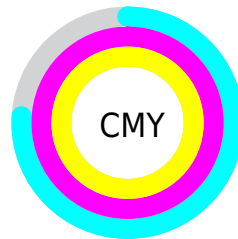


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (76%)



Cyan (76%)

Magenta (99%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4064003 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 4064003 by changing the saturation by 10% instead.



 4064003

 4064003


 16771812

 2621441

 7484210

 0

 9259848

 11101024

 12942713

 14849938

 16757421

 16764616

 4064003

 4064003

■ 4063232

■ 4065545

■ 4067087

■ 4068886

■ 4070428

■ 4071970

■ 4073512

■ 4075054

■ 4076853

■ 4078395

# Harmonies

## Analogous

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



3997726



4064003



3411968

# Triad

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



4064003



8960



8005

# Complementary

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



4064003



212542

# 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.



9022



4064003



9496

# Square

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



4064003



1056512



9518



1185345

# Rectangle

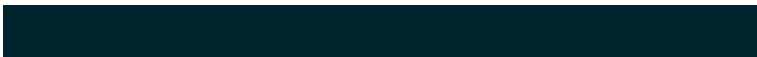
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4064003



2823936



9518



8260



# Sweetspot

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



4064003



5388858



4064062



2693915



11053224



2697513



# Same Dimension

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



4064003



5373952



4071683



2038812



6160384



14548992



# Inverse Universe

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



212542



21074



205118



1842975



24158

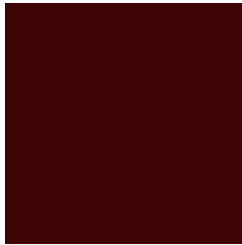


57054



# Previews

## White Background



This preview shows how the Decimal color 4064003 looks on a white background.

## Color Contrast Check

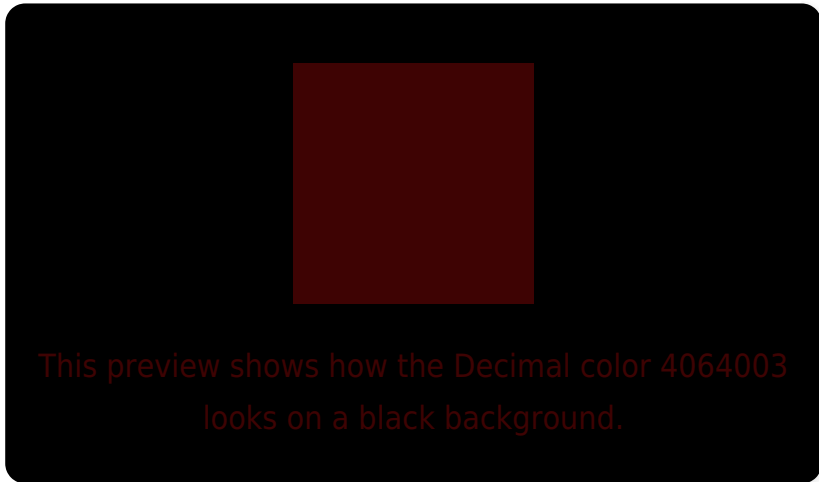
Large Text (above 18pt) WCAG AA ✓ Pass

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

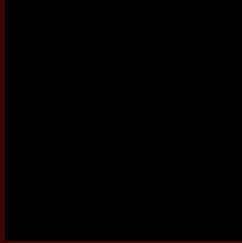
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4064003 Background



This preview shows how black text looks on a background with the Decimal color 4064003.

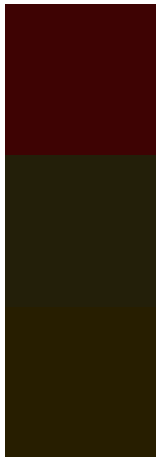


This preview shows how white text looks on a background with the Decimal color 4064003.

# 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



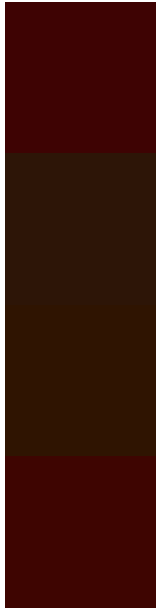
**Original Color**  
4064003

**Protanopia**  
2301705

**Deuteranopia**  
2563584



# Trichromacy



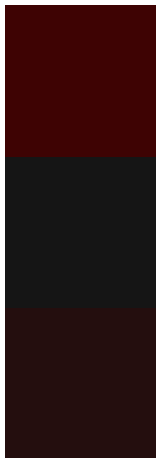
**Original Color**  
4064003

**Protanomaly**  
2954503

**Deuteranomaly**  
3085313

**Tritanomaly**  
4064513

# Monochromacy



**Original Color**  
4064003

**Achromatopsia**  
1381653

**Achromatomaly**  
2362894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4064003 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 #3E0303 looks like.

```
.text, #text, p{  
    color:#3E0303  
}
```

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 #3E0303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0303
}
```

## Border

The CSS property to change the border of an element to Decimal 4064003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

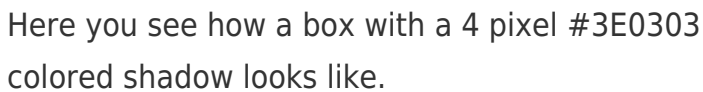
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E0303 }
```

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

```
.border{ border-color:#3E0303 }
```

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



Here you see how a box with a 4 pixel #3E0303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0303; -webkit-box-shadow:4px 4px  
4px 4px #3E0303; box-shadow:4px 4px 4px  
4px #3E0303 }
```

# Background

The CSS property to change the background color of an element to Decimal 4064003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0303 }
```

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

```
.background{ background-color:#3E0303 }
```

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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