

# Converting Colors

Decimal(5324048)

Have a look what the booklet for  
Decimal(5324048) contains.

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**Color**

**Decimal(5324048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	513D10
RGB	81, 61, 16
RGB Percent	32%, 24%, 6%
CMY	0.6824, 0.7608, 0.9373
CMYK	0.00, 0.25, 0.80, 0.68
HSL	42°, 67%, 19%
HSV	42°, 80%, 32%
XYZ	5.1556, 5.1242, 1.2076
YIQ	61.8500, 26.3650, -9.7550

# Conversions

## Conversions Part 2

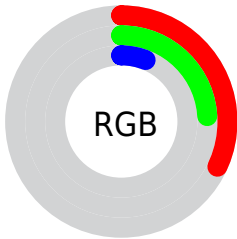
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 81, 16
Decimal	5324048
CIELab	27.09, 3.56, 29.68
CIELCh	27, 29.897, 83.168
Yxy	5.1242, 0.4488, 0.4461
Android (android.graphics.Color)	4283514128 (0xFF513D10)
YUV	61.8500, -22.6040, 16.7946
Hunter-Lab	22.6368, 1.0397, 12.6829

# Details

The Decimal color **5324048** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1057873**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **8743997**, and **2167552** is the 20% darker color. If you saturate the color by 10%, you get **5323528**, and if you desaturate by 10%, it is **5324568**.

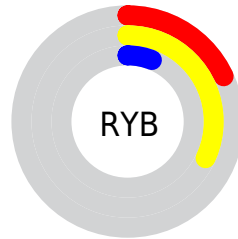
# Distribution



Red (32%)

Green (24%)

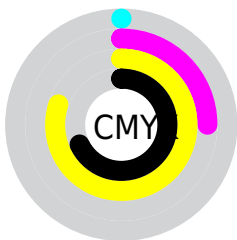
Blue (6%)



Red (18%)

Yellow (32%)

Blue (6%)

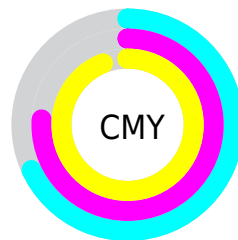


Cyan (0%)

Magenta (25%)

Yellow (80%)

Black (68%)



Cyan (68%)

Magenta (76%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5324048 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 5324048 by changing the saturation by 10% instead.



■ 5324048

■ 5324048

■ 16777206

■ 3745536

■ 8743997

■ 2167552

■ 10519893

■ 0

■ 12361582

■ 14203528

■ 16111266

■ 16773821

■ 16777177

■ 5324048

■ 5324048

■ 5323528

■ 5324568

■ 5322752

■ 5325344

■ 5325864

■ 5326640

■ 5327161

■ 5327937

■ 5328457

■ 5329233

■ 5329753

# Harmonies

## Analogous

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



6370332



5324048



3884051

# Triad

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



5324048



19281



5714780

# Complementary

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



5324048



1057873

# 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.



3685482



5324048



18788

# Square

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



5324048



19258



17517



6761542

# Rectangle

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



5324048



2705181



17517



5125730



# Sweetspot

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



5324048



6906191



5312549



3551526



11908533



3552822



# Same Dimension

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



5324048



6900228



4542736



2697253



6899712



15245568



# Inverse Universe

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



1057873



271209



1839185



2434601



8297



18408



# Previews

## White Background



This preview shows how the Decimal color 5324048 looks on a white background.

## Color Contrast Check

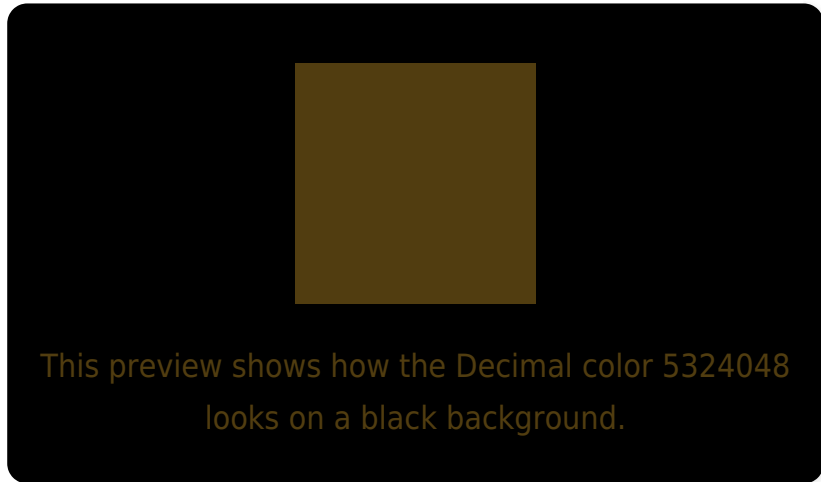
Large Text (above 18pt) WCAG AA ✓ Pass

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

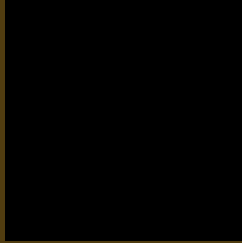
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5324048 Background



This preview shows how black text looks on a background with the Decimal color 5324048.



This preview shows how white text looks on a background with the Decimal color 5324048.

# 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**  
5324048

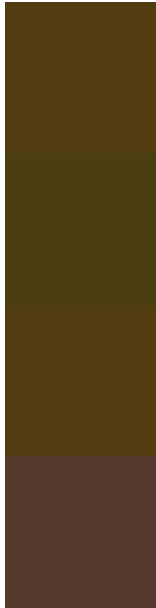
**Protanopia**  
4734993

**Deuteranopia**  
5324048



**Tritanopia**  
5519677

# Trichromacy



**Original Color**  
5324048

**Protanomaly**  
4931345

**Deuteranomaly**  
5324048

**Tritanomaly**  
5454381

# Monochromacy



**Original Color**  
5324048

**Achromatopsia**  
4079166

**Achromatomaly**  
4537901

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5324048 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 #513D10 looks like.

```
.text, #text, p{  
    color:#513D10  
}
```

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 #513D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513D10
}
```

## Border

The CSS property to change the border of an element to Decimal 5324048 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
#513D10 }
```

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

```
.border{ border-color:#513D10 }
```

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

Here you see how a box with a 4 pixel #513D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513D10; -webkit-box-shadow:4px 4px  
4px 4px #513D10; box-shadow:4px 4px 4px  
4px #513D10 }
```

# Background

The CSS property to change the background color of an element to Decimal 5324048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513D10 }
```

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

```
.background{ background-color:#513D10 }
```

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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