

# Converting Colors

Decimal(5259825)

Have a look what the booklet for  
Decimal(5259825) contains.

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# Color

**Decimal(5259825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	504231
RGB	80, 66, 49
RGB Percent	31%, 26%, 19%
CMY	0.6863, 0.7412, 0.8078
CMYK	0.00, 0.18, 0.39, 0.69
HSL	33°, 24%, 25%
HSV	33°, 39%, 31%
XYZ	5.8109, 5.8237, 3.7235
YIQ	68.2480, 13.8010, -2.3190

# Conversions

## Conversions Part 2

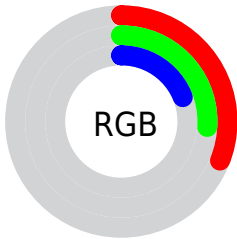
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 80, 49
Decimal	5259825
CIELab	28.96, 3.17, 12.61
CIElCh	29, 12.996, 75.904
Yxy	5.8237, 0.3784, 0.3792
Android (android.graphics.Color)	4283449905 (0xFF504231)
YUV	68.2480, -9.4893, 10.3065
Hunter-Lab	24.1322, 0.7500, 7.7443

# Details

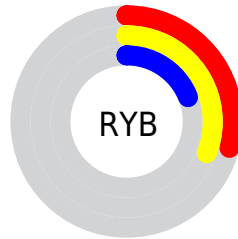
The Decimal color **5259825** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3227472**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **8548959**, and **2299650** is the 20% darker color. If you saturate the color by 10%, you get **5258793**, and if you desaturate by 10%, it is **5260857**.

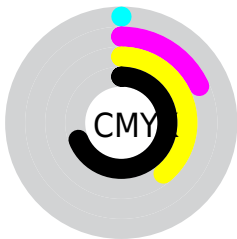
# Distribution



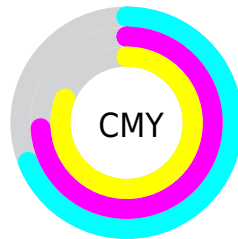
- Red (31%)
- Green (26%)
- Blue (19%)



- Red (29%)
- Yellow (31%)
- Blue (19%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (69%)



- Cyan (69%)
- Magenta (74%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5259825 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 5259825 by changing the saturation by 10% instead.





5259825



5259825

16777215



3746844



8548959



2299650



10259320



0



12035730



13877676



15785416



16775652



5259825



5259825



5258793



5260857

■ 5258017

■ 5261633

■ 5256985

■ 5262665

■ 5256209

■ 5263441

■ 5255177

■ 5264473

■ 5254145

■ 5265505

■ 5254144

■ 5266281

■ 5267313

■ 5268345

# Harmonies

## Analogous

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



5717814



5259825



4605233

# Triad

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



5259825



2640457



4997202

# Complementary

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



5259825



3227472

# 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.



4146007



5259825



2640210

# Square

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



5259825



3164735



3295063



5586505

# Rectangle

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



5259825



4146996



3295063



4735317



# Sweetspot

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



5259825



6906716



5255487



3551790



11908533



3552822



# Same Dimension

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



5259825



6902327



5197873



2696997



6895872



15236864



# Inverse Universe

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



3227472



3624553



3289424



2434857



12137

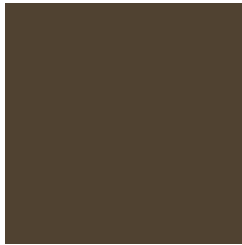


27112



# Previews

## White Background



This preview shows how the Decimal color 5259825 looks on a white background.

## Color Contrast Check

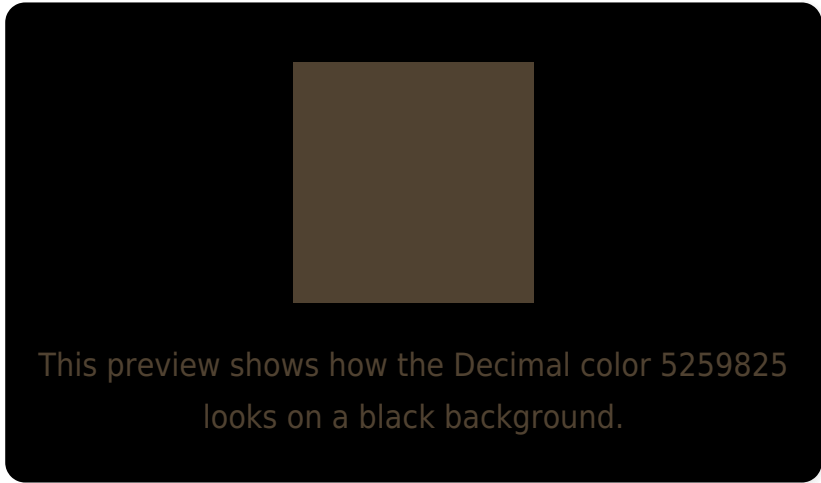
Large Text (above 18pt) WCAG AA ✓ Pass

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

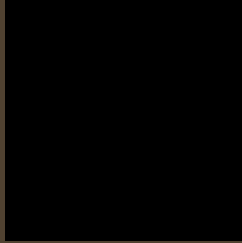
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5259825 Background



This preview shows how black text looks on a background with the Decimal color 5259825.

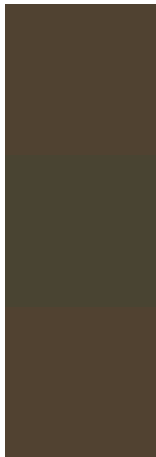


This preview shows how white text looks on a background with the Decimal color 5259825.

# 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](#).

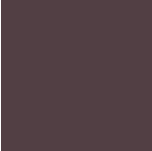
## Dichromacy



**Original Color**  
5259825

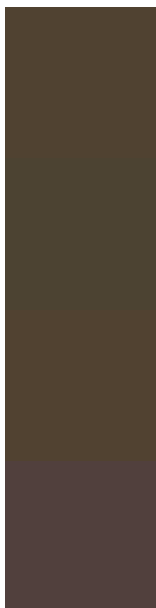
**Protanopia**  
4801586

**Deuteranopia**  
5325361



**Tritanopia**  
5390148

# Trichromacy



**Original Color**

5259825

**Protanomaly**

4997938

**Deuteranomaly**

5325361

**Tritanomaly**

5324861

# Monochromacy



**Original Color**

5259825

**Achromatopsia**

4473924

**Achromatomaly**

4735805

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5259825 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 #504231 looks like.

```
.text, #text, p{  
  color:#504231  
}
```

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 #504231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504231
}
```

## Border

The CSS property to change the border of an element to Decimal 5259825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

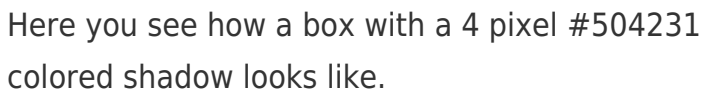
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504231 }
```

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

```
.border{ border-color:#504231 }
```

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



Here you see how a box with a 4 pixel #504231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504231; -webkit-box-shadow:4px 4px  
4px 4px #504231; box-shadow:4px 4px 4px  
4px #504231 }
```

# Background

The CSS property to change the background color of an element to Decimal 5259825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504231 }
```

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

```
.background{ background-color:#504231 }
```

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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