

# Converting Colors

Decimal(5254958)

Have a look what the booklet for  
Decimal(5254958) contains.

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**Color**

**Decimal(5254958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	502F2E
RGB	80, 47, 46
RGB Percent	31%, 18%, 18%
CMY	0.6863, 0.8157, 0.8196
CMYK	0.00, 0.41, 0.42, 0.69
HSL	2°, 27%, 25%
HSV	2°, 42%, 31%
XYZ	4.8179, 3.9358, 3.0905
YIQ	56.7530, 19.9890, 6.6850

# Conversions

## Conversions Part 2

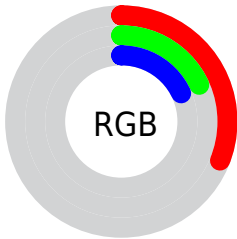
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">80, 47, 46</a>
Decimal	<a href="#">5254958</a>
CIELab	<a href="#">23.46, 14.97, 7.02</a>
CIElCh	<a href="#">23, 16.533, 25.136</a>
Yxy	<a href="#">3.9358, 0.4068, 0.3323</a>
Android (android.graphics.Color)	<a href="#">4283445038 (0xFF502F2E)</a>
YUV	<a href="#">56.7530, -5.3012, 20.3876</a>
Hunter-Lab	<a href="#">19.8388, 8.6316, 4.6508</a>

# Details

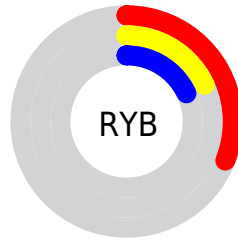
The Decimal color **5254958** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3034960**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **8609116**, and **2359296** is the 20% darker color. If you saturate the color by 10%, you get **5252902**, and if you desaturate by 10%, it is **5257014**.

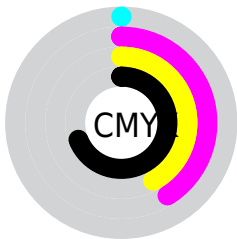
# Distribution



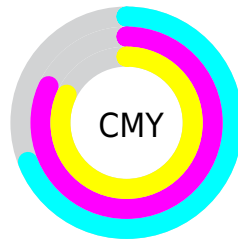
- Red (31%)
- Green (18%)
- Blue (18%)



- Red (31%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (69%)



- Cyan (69%)
- Magenta (82%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5254958 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 5254958 by changing the saturation by 10% instead.





5254958



5254958

16777215



3676697



8609116



2359296



10319476



0



12161166



14003112



15845059



16769759



16777212



5254958



5254958

■ 5252902

■ 5257014

■ 5250846

■ 5259070

■ 5249046

■ 5260870

■ 5246990

■ 5262926

■ 5244934

■ 5264982

■ 5243392

■ 5267038

■ 5268838

■ 5270894

■ 5272950

# Harmonies

## Analogous

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



5123898



5254958



4928036

# Triad

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



5254958



2571561



2308688

# Complementary

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



5254958



3034960

# 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.



998732



5254958



1523253

# Square

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



5254958



3488289



605762



3618126

# Rectangle

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



5254958



4601120



605762



1850192



# Sweetspot

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



5254958



6904667



5254735



3550509



11908533



3552822



# Same Dimension

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



5254958



6894899



5259310



2696485



6882048



15206144



# Inverse Universe

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



3034960



3368809



3030608



2435369



25961

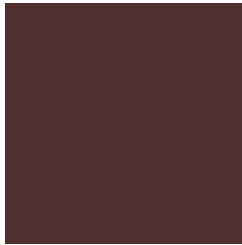


57832



# Previews

## White Background



This preview shows how the Decimal color 5254958 looks on a white background.

## Color Contrast Check

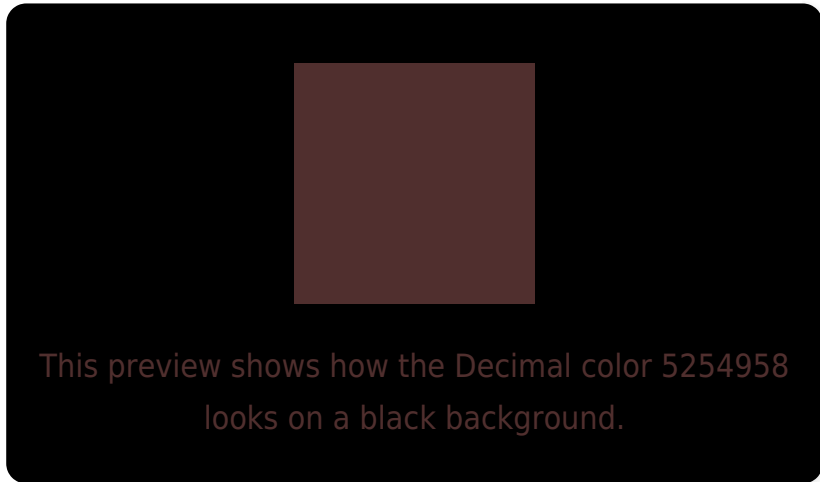
Large Text (above 18pt) WCAG AA ✓ Pass

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

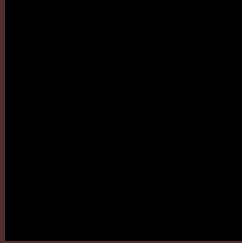
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5254958 Background



This preview shows how black text looks on a background with the Decimal color 5254958.



This preview shows how white text looks on a background with the Decimal color 5254958.

# 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**  
5254958

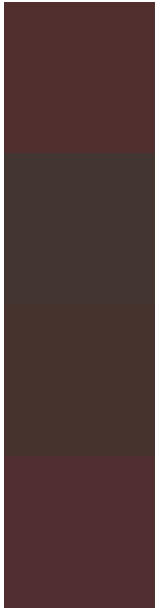
**Protanopia**  
3881011

**Deuteranopia**  
4339245



**Tritanopia**  
5254706

# Trichromacy



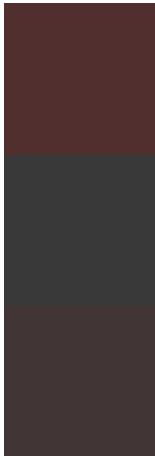
**Original Color**  
5254958

**Protanomaly**  
4404529

**Deuteranomaly**  
4666157

**Tritanomaly**  
5254705

# Monochromacy



**Original Color**  
5254958

**Achromatopsia**  
3750201

**Achromatomaly**  
4273461

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5254958 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 #502F2E looks like.

```
.text, #text, p{  
    color:#502F2E  
}
```

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 #502F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502F2E
}
```

## Border

The CSS property to change the border of an element to Decimal 5254958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

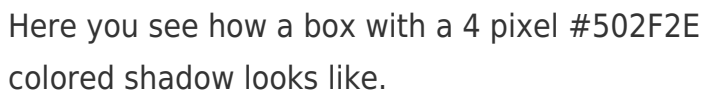
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502F2E }
```

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

```
.border{ border-color:#502F2E }
```

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



Here you see how a box with a 4 pixel #502F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502F2E; -webkit-box-shadow:4px 4px  
4px 4px #502F2E; box-shadow:4px 4px 4px  
4px #502F2E }
```

# Background

The CSS property to change the background color of an element to Decimal 5254958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502F2E }
```

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

```
.background{ background-color:#502F2E }
```

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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