

# Converting Colors

Decimal(5255738)

Have a look what the booklet for  
Decimal(5255738) contains.

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**Color**

**Decimal(5255738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50323A
RGB	80, 50, 58
RGB Percent	31%, 20%, 23%
CMY	0.6863, 0.8039, 0.7725
CMYK	0.00, 0.38, 0.28, 0.69
HSL	344°, 23%, 25%
HSV	344°, 38%, 31%
XYZ	5.2126, 4.2922, 4.5567
YIQ	59.8820, 15.3120, 8.8480

# Conversions

## Conversions Part 2

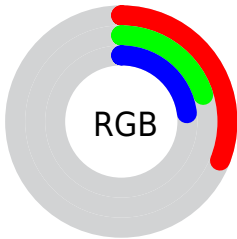
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 50, 58
Decimal	5255738
CIE Lab	24.61, 14.90, 0.59
CIE LCh	25, 14.914, 2.259
Yxy	4.2922, 0.3707, 0.3052
Android (android.graphics.Color)	4283445818 (0xFF50323A)
YUV	59.8820, -0.9278, 17.6435
Hunter-Lab	20.7175, 8.6554, 1.4617




# Details

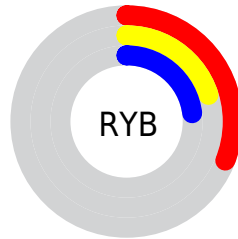
The Decimal color **5255738** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3297352**, and the grayscale version is **3947580**.




A 20% lighter version of the original color is **8544617**, and **2295055** is the 20% darker color. If you saturate the color by 10%, you get **5253684**, and if you desaturate by 10%, it is **5257792**.

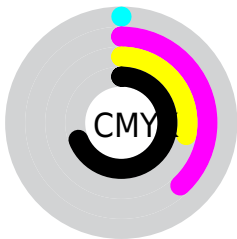
# Distribution







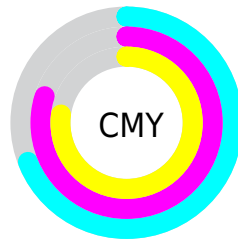
-  Red (31%)
-  Green (20%)
-  Blue (23%)






-  Red (31%)
-  Yellow (20%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (28%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (80%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5255738 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 5255738 by changing the saturation by 10% instead.



■ 5255738

■ 5255738

16777215

■ 3677476

■ 8544617

■ 2295055

■ 10254978

■ 0

■ 12096668

■ 13872823

■ 15780563

■ 16770799

■ 5255738

■ 5255738

■ 5253684

■ 5257792

■ 5251630

■ 5259846

■ 5249576

■ 5261900

■ 5247523

■ 5263953

■ 5245469

■ 5266007

■ 5243415

■ 5268061

■ 5242901

■ 5270115

■ 5272169

■ 5274223

# Harmonies

## Analogous

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



4797509



5255738



5255983

# Triad

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



5255738



3489063



1916494

# Complementary

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



5255738



3297352

# 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.



1392710



5255738



2637872

# Square

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



5255738



4274724



1851707



2964305

# Rectangle

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



5255738



5059881



1851707



1654604



# Sweetspot

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



5255738



6905184



4731472



3551024



11908533



3552822



# Same Dimension

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



5255738



6896198



5257522



2696486



6881308



15204414



# Inverse Universe

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



5255738



6896198



3295568



2696486



6881308

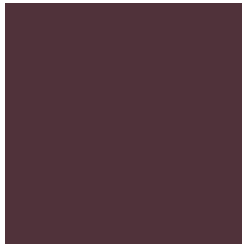


15204414



# Previews

## White Background



This preview shows how the Decimal color 5255738 looks on a white background.

## Color Contrast Check

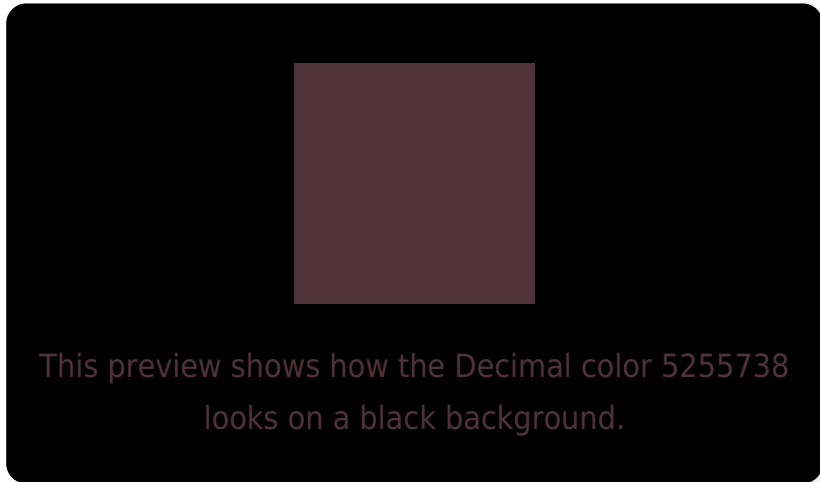
Large Text (above 18pt) WCAG AA ✓ Pass

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

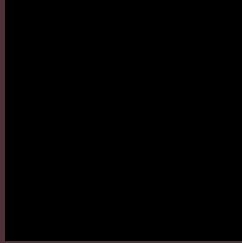
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5255738 Background



This preview shows how black text looks on a background with the Decimal color 5255738.



This preview shows how white text looks on a background with the Decimal color 5255738.

# 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**  
5255738

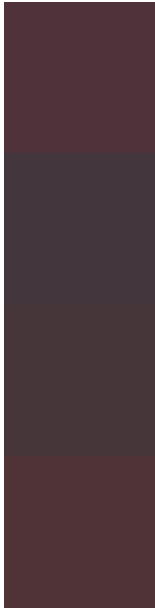
**Protanopia**  
3881535

**Deuteranopia**  
4274489



**Tritanopia**  
5255990

# Trichromacy



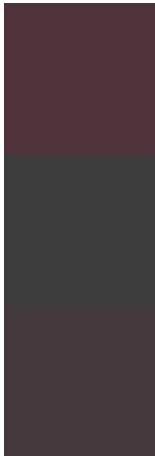
**Original Color**  
5255738

**Protanomaly**  
4405053

**Deuteranomaly**  
4601401

**Tritanomaly**  
5255991

# Monochromacy



**Original Color**  
5255738

**Achromatopsia**  
3947580

**Achromatomaly**  
4405307

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5255738 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 #50323A looks like.

```
.text, #text, p{  
    color:#50323A  
}
```

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 #50323A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50323A
}
```

## Border

The CSS property to change the border of an element to Decimal 5255738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

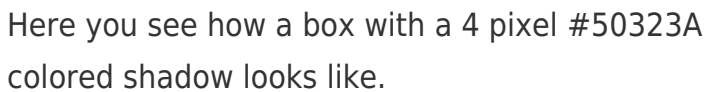
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50323A }
```

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

```
.border{ border-color:#50323A }
```

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



Here you see how a box with a 4 pixel #50323A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50323A; -webkit-box-shadow:4px 4px  
4px 4px #50323A; box-shadow:4px 4px 4px  
4px #50323A }
```

# Background

The CSS property to change the background color of an element to Decimal 5255738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50323A }
```

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

```
.background{ background-color:#50323A }
```

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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