

# Converting Colors

Decimal(4738131)

Have a look what the booklet for  
Decimal(4738131) contains.

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# Color

**Decimal(4738131)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	484C53
RGB	72, 76, 83
RGB Percent	28%, 30%, 33%
CMY	0.7176, 0.7020, 0.6745
CMYK	0.13, 0.08, 0.00, 0.67
HSL	218°, 7%, 30%
HSV	218°, 13%, 33%
XYZ	6.8183, 7.1711, 9.2084
YIQ	75.6020, -4.6310, 1.3290

# Conversions

## Conversions Part 2

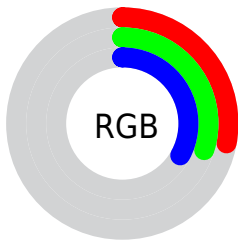
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 75, 83
Decimal	4738131
CIE Lab	32.19, 0.02, -4.70
CIE LCh	32, 4.697, 270.287
Yxy	7.1711, 0.2939, 0.3091
Android (android.graphics.Color)	4282928211 (0xFF484C53)
YUV	75.6020, 3.6472, -3.1590
Hunter-Lab	26.7790, -1.4149, -1.6426

# Details

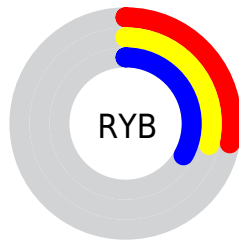
The Decimal color **4738131** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5459784**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7961988**, and **1843238** is the 20% darker color. If you saturate the color by 10%, you get **4212563**, and if you desaturate by 10%, it is **5263699**.

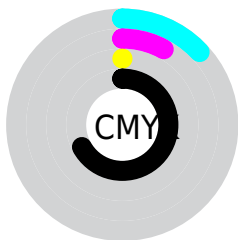
# Distribution



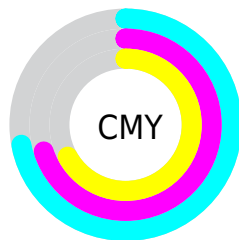
- Red (28%)
- Green (30%)
- Blue (33%)



- Red (28%)
- Yellow (29%)
- Blue (33%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (67%)



- Cyan (72%)
- Magenta (70%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4738131 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 4738131 by changing the saturation by 10% instead.



■ 4738131

■ 4738131

16777215

■ 3224892

■ 7961988

■ 1843238

■ 9607071

■ 198674

■ 11383225

■ 0

■ 13159893

■ 15002097

■ 4738131

■ 4738131

■ 4212563

■ 5263699

■ 3621203

■ 5855059

■ 3095635

■ 6380627

■ 2570067

■ 6906195

■ 1978963

■ 7431763

■ 1453139

■ 8023123

■ 927571

■ 8548691

■ 402003

■ 9074259

■ 7763

■ 9665619

# Harmonies

## Analogous

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



4476242



4738131



5065554

# Triad

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



4738131



5523784



4673096

# Complementary

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



4738131



5459784

# 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.



4934981



4738131



5392965

# Square

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



4738131



5458252



5196612



4476492

# Rectangle

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



4738131



5196368



5196612



4738375



# Sweetspot

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



4738131



6776939



4739919



3355702



11908533



3552822



# Same Dimension

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



4738131



5922923



4802643



2434601



9833



21736



# Inverse Universe

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



5457996



7035488



5395272



2696486



6881318

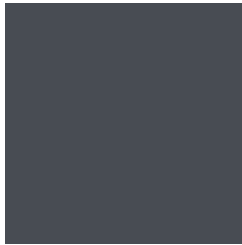


15204436



# Previews

## White Background



This preview shows how the Decimal color 4738131 looks on a white background.

## Color Contrast Check

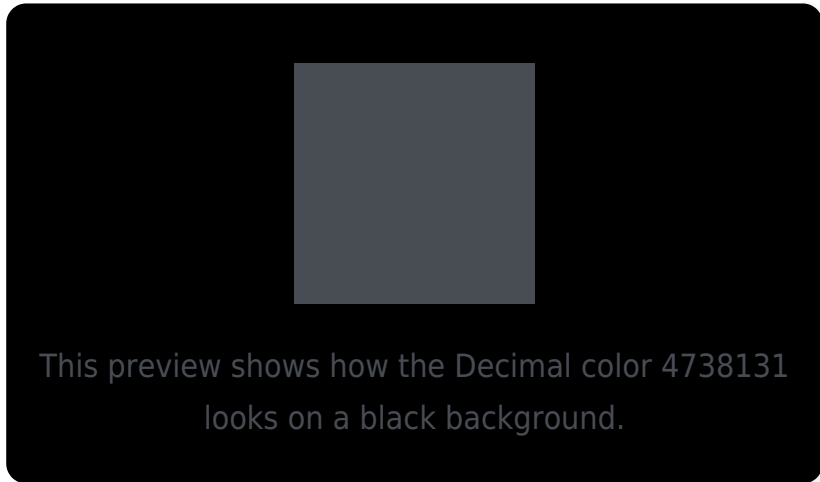
Large Text (above 18pt) WCAG AA ✓ Pass

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

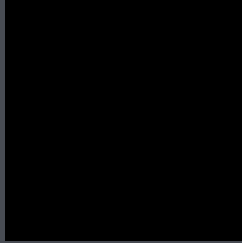
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

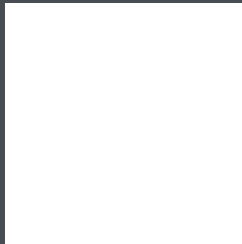
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 4738131 Background



This preview shows how black text looks on a background with the Decimal color 4738131.

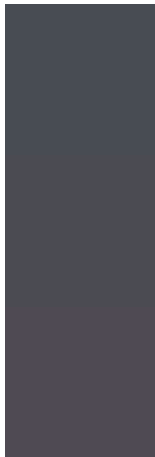


This preview shows how white text looks on a background with the Decimal color 4738131.

# 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](#).

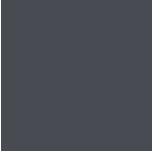
## Dichromacy



**Original Color**  
4738131

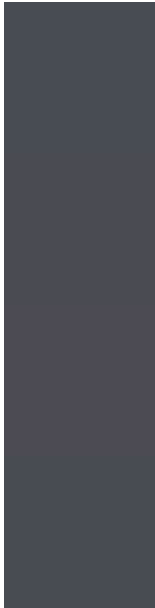
**Protanopia**  
4934482

**Deuteranopia**  
5196371



**Tritanopia**  
4738130

# Trichromacy



**Original Color**

4738131

**Protanomaly**

4868946

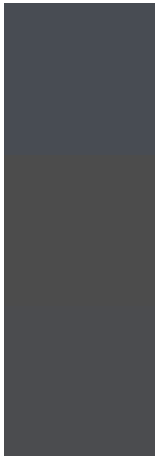
**Deuteranomaly**

5000019

**Tritanomaly**

4738130

# Monochromacy



**Original Color**

4738131

**Achromatopsia**

5000268

**Achromatomaly**

4934735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4738131 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 #484C53 looks like.

```
.text, #text, p{  
  color:#484C53  
}
```

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 #484C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484C53
}
```

## Border

The CSS property to change the border of an element to Decimal 4738131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

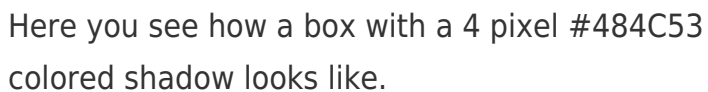
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484C53 }
```

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

```
.border{ border-color:#484C53 }
```

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



Here you see how a box with a 4 pixel #484C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484C53; -webkit-box-shadow:4px 4px  
4px 4px #484C53; box-shadow:4px 4px 4px  
4px #484C53 }
```

# Background

The CSS property to change the background color of an element to Decimal 4738131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484C53 }
```

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

```
.background{ background-color:#484C53 }
```

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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