

Converting Colors

Decimal(5068631)

Have a look what the booklet for
Decimal(5068631) contains.

Decimal(5068631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5068631)

Conversions

Conversions Part 1

Format	Color
Hex	4D5757
RGB	77, 87, 87
RGB Percent	30%, 34%, 34%
CMY	0.6980, 0.6588, 0.6588
CMYK	0.11, 0.00, 0.00, 0.66
HSL	180°, 6%, 32%
HSV	180°, 11%, 34%
XYZ	8.1891, 9.0823, 10.3383
YIQ	84.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

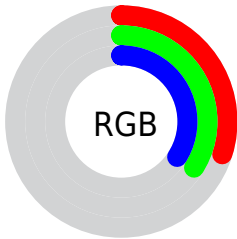
Format	Color
R_{YB}	77, 82, 87
Decimal	5068631
CIE Lab	36.14, -3.92, -1.34
CIE LCh	36, 4.139, 198.906
Yxy	9.0823, 0.2966, 0.3290
Android (android.graphics.Color)	4283258711 (0xFF4D5757)
YUV	84.0100, 1.4741, -6.1478
Hunter-Lab	30.1368, -4.2358, 0.7567

Details

The Decimal color **5068631** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5721421**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8292745**, and **2173482** is the 20% darker color. If you saturate the color by 10%, you get **4478807**, and if you desaturate by 10%, it is **5658455**.

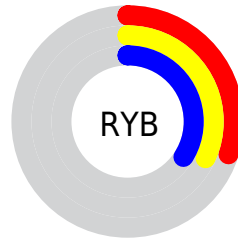
Distribution



Red (30%)

Green (34%)

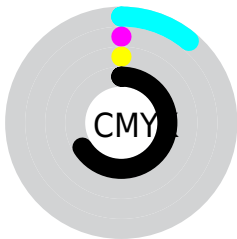
Blue (34%)



Red (30%)

Yellow (32%)

Blue (34%)

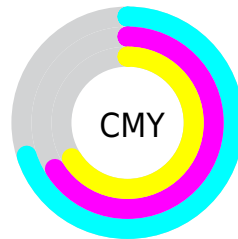


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (66%)



Cyan (70%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5068631 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 5068631 by changing the saturation by 10% instead.

■ 5068631

■ 5068631

16777215

■ 3555392

■ 8292745

■ 2173482

■ 10003363

■ 726549

■ 11779774

■ 0

■ 13556442

■ 15398646

■ 5068631

■ 5068631

■ 4478807

■ 5658455

■ 3954519

■ 6182743

■ 3364695

■ 6772567

■ 2774871

■ 7362391

■ 2185047

■ 7952215

■ 1660759

■ 8476503

■ 1070935

■ 9066327

■ 481111

■ 9656151

■ 22359

■ 10180439

Harmonies

Analogous

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



5199700



5068631



5134170

Triad

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



5068631



5788761



5854287

Complementary

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



5068631



5721421

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.



6050640



5068631



5985110

Square

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



5068631



5526875



6050643



5657935

Rectangle

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



5068631



5199451



6050643



5919823

Sweetspot

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



5068631



7172208



5068621



3553336



12105912



3684408

Same Dimension

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



5068631



6320240



5067351



2566955



27499



60395

Inverse Universe

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



5721431



7364720



5722701



2828075



7012459



15401195

Previews

White Background



This preview shows how the Decimal color 5068631 looks on a white background.

Color Contrast Check

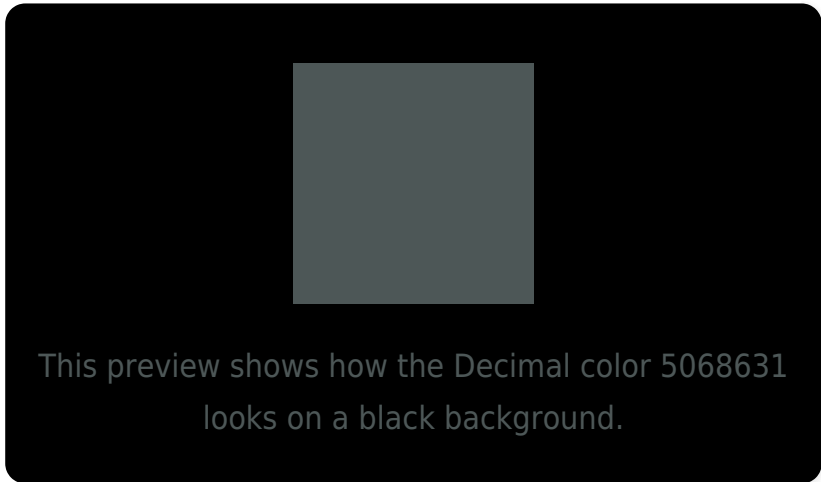
Large Text (above 18pt) WCAG AA ✓ Pass

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

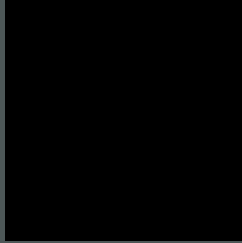
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

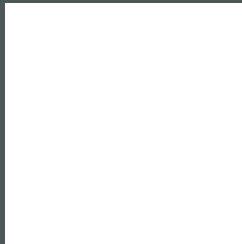
Any Text WCAG AAA × Fail

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

Decimal 5068631 Background



This preview shows how black text looks on a background with the Decimal color 5068631.



This preview shows how white text looks on a background with the Decimal color 5068631.

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](#).

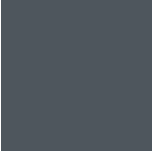
Dichromacy



Original Color
5068631

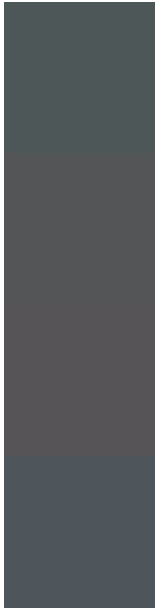
Protanopia
5657686

Deuteranopia
6050392



Tritanopia
5133917

Trichromacy



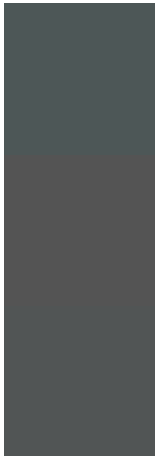
Original Color
5068631

Protanomaly
5461334

Deuteranomaly
5723224

Tritanomaly
5133915

Monochromacy



Original Color
5068631

Achromatopsia
5526612

Achromatomaly
5330261

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5068631 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 #4D5757 looks like.

```
.text, #text, p{  
    color:#4D5757  
}
```

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 #4D5757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5757
}
```

Border

The CSS property to change the border of an element to Decimal 5068631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

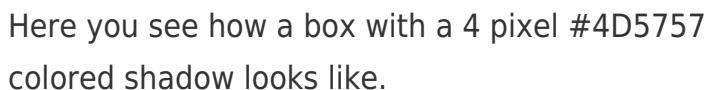
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D5757 }
```

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

```
.border{ border-color:#4D5757 }
```

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



Here you see how a box with a 4 pixel #4D5757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5757; -webkit-box-shadow:4px 4px  
4px 4px #4D5757; box-shadow:4px 4px 4px  
4px #4D5757 }
```

Background

The CSS property to change the background color of an element to Decimal 5068631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5757 }
```

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

```
.background{ background-color:#4D5757 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor