

Converting Colors

Decimal(5063781)

Have a look what the booklet for
Decimal(5063781) contains.

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Color

Decimal(5063781)

Conversions

Conversions Part 1

Format	Color
Hex	4D4465
RGB	77, 68, 101
RGB Percent	30%, 27%, 40%
CMY	0.6980, 0.7333, 0.6039
CMYK	0.24, 0.33, 0.00, 0.60
HSL	256°, 20%, 33%
HSV	256°, 33%, 40%
XYZ	7.4767, 6.6516, 13.2017
YIQ	74.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

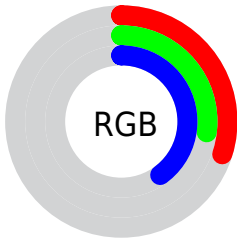
Format	Color
R_{YB}	77, 68, 101
Decimal	5063781
CIE _{Lab}	31.00, 11.65, -17.95
CIE _{LCh}	31, 21.402, 302.976
Yxy	6.6516, 0.2736, 0.2434
Android (android.graphics.Color)	4283253861 (0xFF4D4465)
YUV	74.4530, 13.0877, 2.2337
Hunter-Lab	25.7907, 6.6129, -12.2958




Details

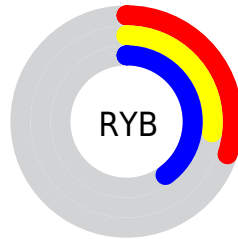
The Decimal color **5063781** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6055236**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **8352920**, and **2103606** is the 20% darker color. If you saturate the color by 10%, you get **4602469**, and if you desaturate by 10%, it is **5525093**.

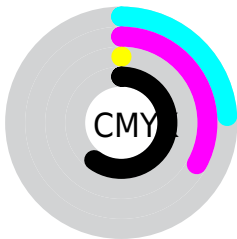
Distribution







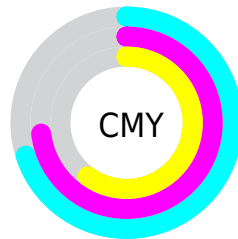
-  Red (30%)
-  Green (27%)
-  Blue (40%)






-  Red (30%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (24%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (70%)
-  Magenta (73%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5063781 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 5063781 by changing the saturation by 10% instead.



5063781



5063781

16777215



3550797



8352920



2103606



10063539



786465



11839694



6



13616107



0



15523839



16776447



5063781



5063781



4602469



5525093

■ 4075621

■ 6051941

■ 3614309

■ 6513253

■ 3152997

■ 6974565

■ 2626149

■ 7501669

■ 2164581

■ 7962981

■ 1835109

■ 8424293

■ 8951141

■ 9412453

Harmonies

Analogous

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



3361386



5063781



6241880

Triad

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



5063781



6308652



1331786

Complementary

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



5063781



6055236

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.



2904377



5063781



5392679

Square

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



5063781



6831672



4279596



20827

Rectangle

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



5063781



6765646



4279596



1921604

Sweetspot

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



5063781



7959938



4480101



4012610



12763842



4342338

Same Dimension

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



5063781



6115202



6112357



3092019



2031731



4325618

Inverse Universe

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



6636636



8540020



5006660



3354162



7536723



15859888

Previews

White Background



This preview shows how the Decimal color 5063781 looks on a white background.

Color Contrast Check

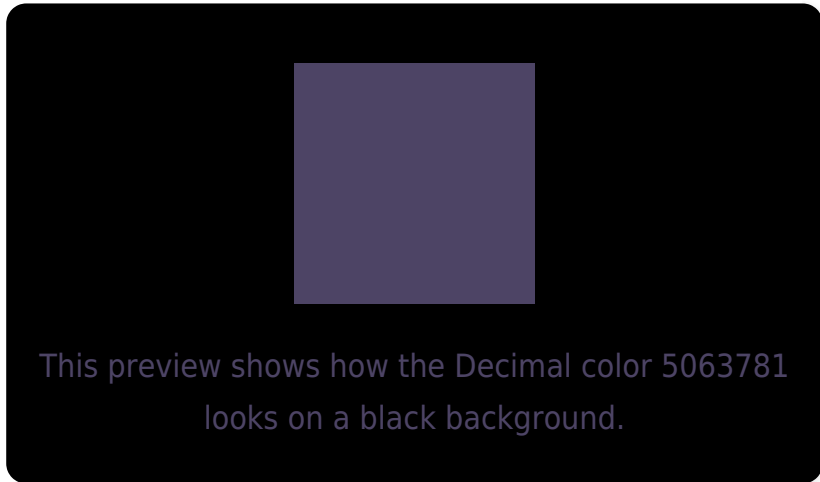
Large Text (above 18pt) WCAG AA ✓ Pass

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

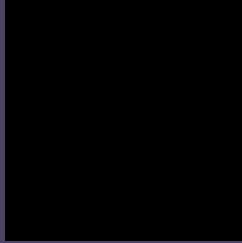
Any Text WCAG AA × Fail

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 5063781 Background



This preview shows how black text looks on a background with the Decimal color 5063781.

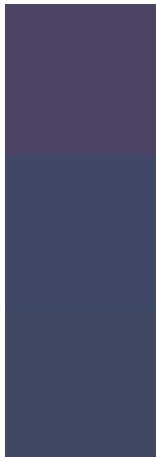


This preview shows how white text looks on a background with the Decimal color 5063781.

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
5063781

Protanopia
4147304

Deuteranopia
4278372



Tritanopia
4802894

Trichromacy



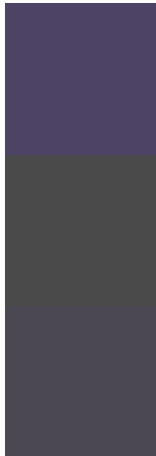
Original Color
5063781

Protanomaly
4474727

Deuteranomaly
4540260

Tritanomaly
4867926

Monochromacy



Original Color
5063781

Achromatopsia
4868682

Achromatomaly
4933716

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5063781 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 #4D4465 looks like.

```
.text, #text, p{  
  color:#4D4465  
}
```

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 #4D4465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4465
}
```

Border

The CSS property to change the border of an element to Decimal 5063781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

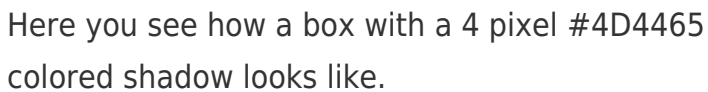
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4465 }
```

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

```
.border{ border-color:#4D4465 }
```

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



Here you see how a box with a 4 pixel #4D4465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4465; -webkit-box-shadow:4px 4px  
4px 4px #4D4465; box-shadow:4px 4px 4px  
4px #4D4465 }
```

Background

The CSS property to change the background color of an element to Decimal 5063781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4465 }
```

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

```
.background{ background-color:#4D4465 }
```

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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