

Converting Colors

Decimal(4672851)

Have a look what the booklet for
Decimal(4672851) contains.

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Color

Decimal(4672851)

Conversions

Conversions Part 1

Format	Color
Hex	474D53
RGB	71, 77, 83
RGB Percent	28%, 30%, 33%
CMY	0.7216, 0.6980, 0.6745
CMYK	0.14, 0.07, 0.00, 0.67
HSL	210°, 8%, 30%
HSV	210°, 14%, 33%
XYZ	6.8137, 7.2719, 9.2281
YIQ	75.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

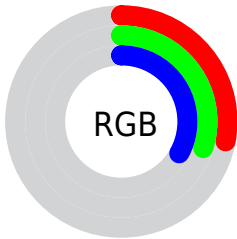
Format	Color
R_{YB}	71, 75, 83
Decimal	4672851
CIE Lab	32.42, -0.99, -4.37
CIE LCh	32, 4.483, 257.232
Yxy	7.2719, 0.2923, 0.3119
Android (android.graphics.Color)	4282862931 (0xFF474D53)
YUV	75.8900, 3.5052, -4.2885
Hunter-Lab	26.9664, -2.0887, -1.4130

Details

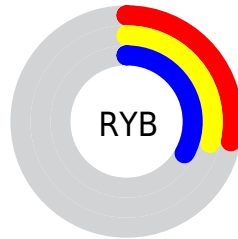
The Decimal color **4672851** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5459271**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7831172**, and **1777958** is the 20% darker color. If you saturate the color by 10%, you get **4147539**, and if you desaturate by 10%, it is **5198163**.

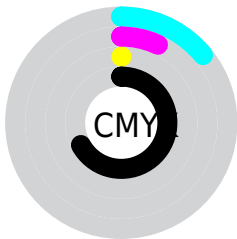
Distribution



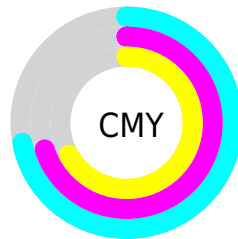
- Red (28%)
- Green (30%)
- Blue (33%)



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



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 4672851 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 4672851 by changing the saturation by 10% instead.



4672851



4672851

16777215



3225148



7831172



1777958



9541791



68114



11317945



0



13094613



14936817



4672851



4672851



4147539



5198163



3556691



5789011

■ 3031379

■ 6314323

■ 2505811

■ 6839891

■ 1980499

■ 7365203

■ 1389651

■ 7956051

■ 864339

■ 8481363

■ 339027

■ 9006675

■ 10579

■ 9597523

Harmonies

Analogous

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



4476497



4672851



4934739

Triad

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



4672851



5524042



4804167

Complementary

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



4672851



5459271

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.



5066054



4672851



5458503

Square

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



4672851



5458510



5327685



4542027

Rectangle

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



4672851



5131090



5327685



4869447

Sweetspot

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



4672851



6777195



4674381



3355702



11908533



3552822

Same Dimension

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



4672851



5857899



4671315



2434857



13417



29928

Inverse Universe

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



5457741



7035234



5460807



2696487



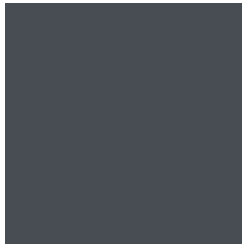
6881332



15204468

Previews

White Background



This preview shows how the Decimal color 4672851 looks on a white background.

Color Contrast Check

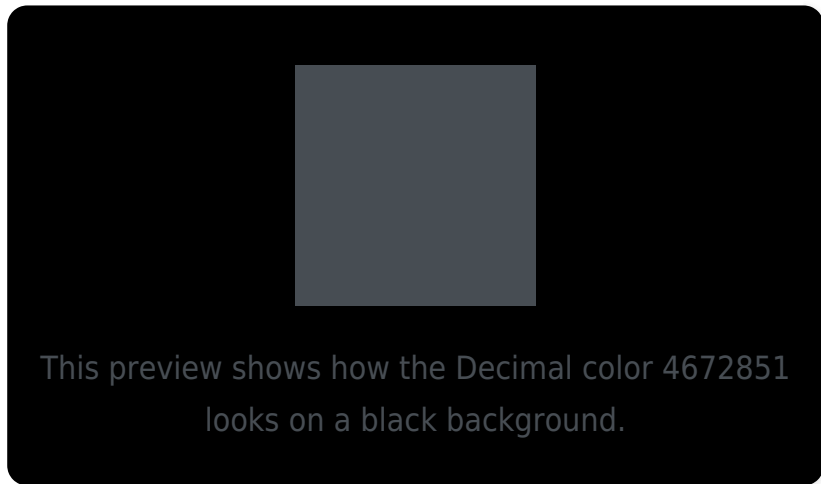
Large Text (above 18pt) WCAG AA ✓ Pass

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

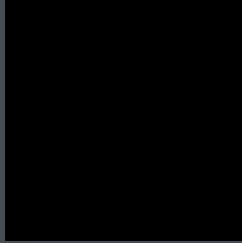
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

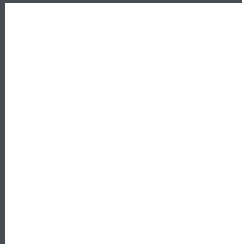
Any Text WCAG AAA × Fail

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

Decimal 4672851 Background



This preview shows how black text looks on a background with the Decimal color 4672851.

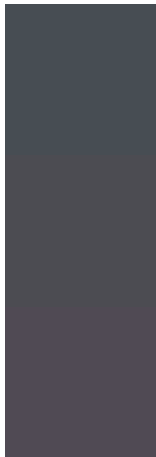


This preview shows how white text looks on a background with the Decimal color 4672851.

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

4672851

Protanopia

5000274

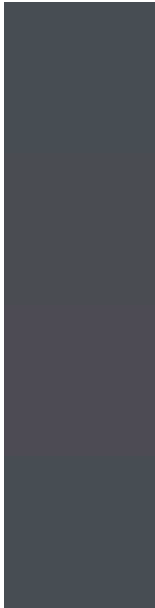
Deuteranopia

5261908



Tritanopia
4672851

Trichromacy



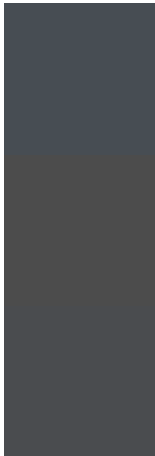
Original Color
4672851

Protanomaly
4869202

Deuteranomaly
5065556

Tritanomaly
4672851

Monochromacy



Original Color
4672851

Achromatopsia
5000268

Achromatomaly
4869199

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4672851 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 #474D53 looks like.

```
.text, #text, p{  
    color:#474D53  
}
```

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 #474D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474D53
}
```

Border

The CSS property to change the border of an element to Decimal 4672851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

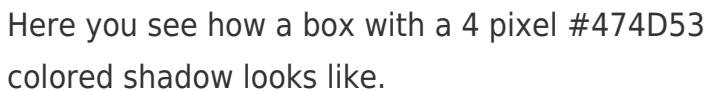
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474D53 }
```

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

```
.border{ border-color:#474D53 }
```

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



Here you see how a box with a 4 pixel #474D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474D53; -webkit-box-shadow:4px 4px  
4px 4px #474D53; box-shadow:4px 4px 4px  
4px #474D53 }
```

Background

The CSS property to change the background color of an element to Decimal 4672851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474D53 }
```

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

```
.background{ background-color:#474D53 }
```

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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