

Converting Colors

Decimal(4672359)

Have a look what the booklet for
Decimal(4672359) contains.

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Color

Decimal(4672359)

Conversions

Conversions Part 1

Format	Color
Hex	474B67
RGB	71, 75, 103
RGB Percent	28%, 29%, 40%
CMY	0.7216, 0.7059, 0.5961
CMYK	0.31, 0.27, 0.00, 0.60
HSL	232°, 18%, 34%
HSV	232°, 31%, 40%
XYZ	7.5628, 7.3510, 13.8522
YIQ	76.9960, -11.3720, 7.8600

Conversions

Conversions Part 2

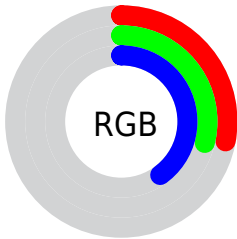
Format	Color
R_{YB}	71, 75, 103
Decimal	4672359
CIE _{Lab}	32.59, 5.60, -16.81
CIE _{LCh}	33, 17.717, 288.437
Yxy	7.3510, 0.2629, 0.2555
Android (android.graphics.Color)	4282862439 (0xFF474B67)
YUV	76.9960, 12.8200, -5.2585
Hunter-Lab	27.1128, 2.3432, -11.3131

Details

The Decimal color **4672359** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6775623**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7896218**, and **1711928** is the 20% darker color. If you saturate the color by 10%, you get **4014695**, and if you desaturate by 10%, it is **5330023**.

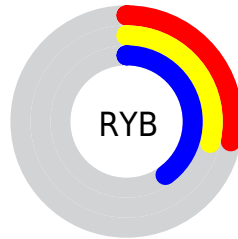
Distribution



Red (28%)

Green (29%)

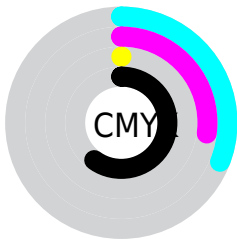
Blue (40%)



Red (28%)

Yellow (29%)

Blue (40%)

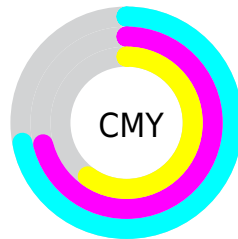


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (60%)



Cyan (72%)

Magenta (71%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4672359 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 4672359 by changing the saturation by 10% instead.

■ 4672359

■ 4672359

16777215

■ 3159119

■ 7896218

■ 1711928

■ 9606581

■ 198435

■ 11382993

■ 10

■ 13159405

■ 0

■ 15067391

■ 4672359

■ 4672359

■ 4014695

■ 5330023

■ 3291495

■ 6053223

■ 2633831

■ 6710887

■ 1976167

■ 7368551

■ 1318503

■ 8091751

■ 595303

■ 8749415

■ 3431

■ 9407079

■ 10064743

■ 10787943

Harmonies

Analogous

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



3297384



4672359



5850719

Triad

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



4672359



6636856



2970695

Complementary

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



4672359



6775623

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.



4084282



4672359



5982769

Square

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



4672359



6898244



5131826



2118741

Rectangle

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



4672359



6440023



5131826



3363650

Sweetspot

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



4672359



8093063



4679523



4013637



12895428



4539717

Same Dimension

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



4672359



5593991



5457767



3026739



3699



7922

Inverse Universe

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



6768459



8869211



5990215



3354159



7536654



15859742

Previews

White Background



This preview shows how the Decimal color 4672359 looks on a white background.

Color Contrast Check

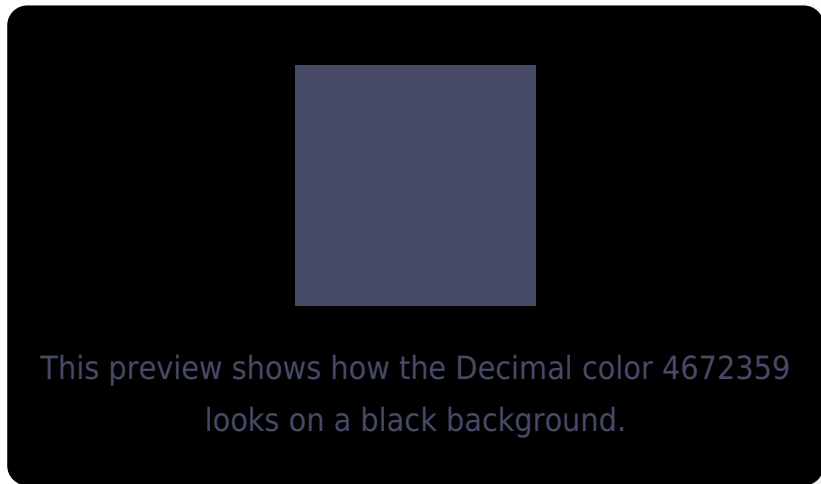
Large Text (above 18pt) WCAG AA ✓ Pass

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

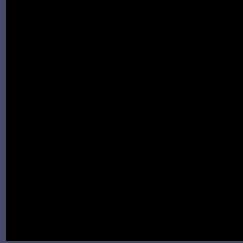
Any Text WCAG AA × Fail

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 4672359 Background



This preview shows how black text looks on a background with the Decimal color 4672359.



This preview shows how white text looks on a background with the Decimal color 4672359.

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
4672359

Protanopia
4541543

Deuteranopia
4541287



Tritanopia
4410965

Trichromacy



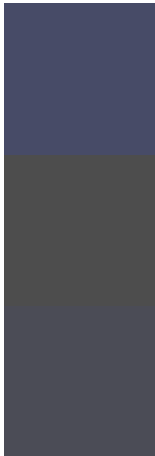
Original Color
4672359

Protanomaly
4607079

Deuteranomaly
4606823

Tritanomaly
4476252

Monochromacy



Original Color
4672359

Achromatopsia
5066061

Achromatomaly
4934742

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4672359 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 #474B67 looks like.

```
.text, #text, p{  
  color:#474B67  
}
```

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 #474B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474B67
}
```

Border

The CSS property to change the border of an element to Decimal 4672359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

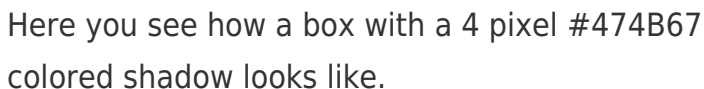
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474B67 }
```

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

```
.border{ border-color:#474B67 }
```

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



Here you see how a box with a 4 pixel #474B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474B67; -webkit-box-shadow:4px 4px  
4px 4px #474B67; box-shadow:4px 4px 4px  
4px #474B67 }
```

Background

The CSS property to change the background color of an element to Decimal 4672359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474B67 }
```

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

```
.background{ background-color:#474B67 }
```

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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