

Converting Colors

Decimal(4739959)

Have a look what the booklet for
Decimal(4739959) contains.

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Color

Decimal(4739959)

Conversions

Conversions Part 1

Format	Color
Hex	485377
RGB	72, 83, 119
RGB Percent	28%, 33%, 47%
CMY	0.7176, 0.6745, 0.5333
CMYK	0.39, 0.30, 0.00, 0.53
HSL	226°, 25%, 37%
HSV	226°, 39%, 47%
XYZ	9.0955, 8.8961, 18.6905
YIQ	83.8150, -18.1120, 8.8640

Conversions

Conversions Part 2

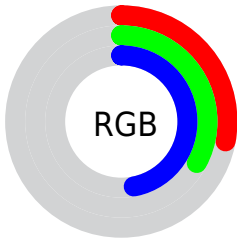
Format	Color
R_{YB}	72, 81, 119
Decimal	4739959
CIE Lab	35.78, 5.50, -21.87
CIE LCh	36, 22.550, 284.104
Yxy	8.8961, 0.2480, 0.2425
Android (android.graphics.Color)	4282930039 (0xFF485377)
YUV	83.8150, 17.3462, -10.3618
Hunter-Lab	29.8264, 2.2371, -16.2752

Details

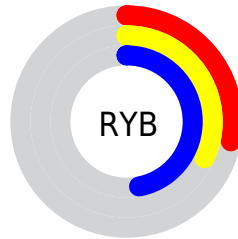
The Decimal color **4739959** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7826504**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8029355**, and **1582662** is the 20% darker color. If you saturate the color by 10%, you get **3951223**, and if you desaturate by 10%, it is **5528695**.

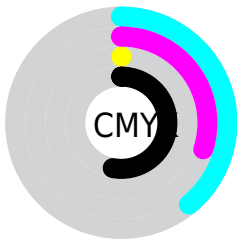
Distribution



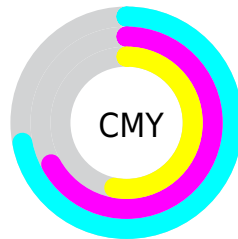
- Red (28%)
- Green (33%)
- Blue (47%)



- Red (28%)
- Yellow (32%)
- Blue (47%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4739959 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 4739959 by changing the saturation by 10% instead.

■ 4739959

■ 4739959

16777215

■ 3161182

■ 8029355

■ 1582662

■ 9805511

■ 4656

■ 11581923

■ 283

■ 13358591

■ 0

■ 15266303

■ 4739959

■ 4739959

■ 3951223

■ 5528695

■ 3162487

■ 6317431

■ 2373751

■ 7106167

■ 1585015

■ 7894903

■ 796023

■ 8683895

■ 72823

■ 9407095

■ 7287

■ 10195831

■ 10984567

■ 11773303

Harmonies

Analogous

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



2709878



4739959



6376558

Triad

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



4739959



7621180



2973002

Complementary

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



4739959



7826504

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.



4414010



4739959



6836274

Square

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



4739959



7816780



5789233



1269340

Rectangle

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



4739959



7162212



5789233



3497028

Sweetspot

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



4739959



9014684



4749163



4474703



13619151



5197647

Same Dimension

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



4739959



5399708



5523575



3487291



7546



15098

Inverse Universe

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



7817299



10244708



7042888



3880246



7995421



16384058

Previews

White Background



This preview shows how the Decimal color 4739959 looks on a white background.

Color Contrast Check

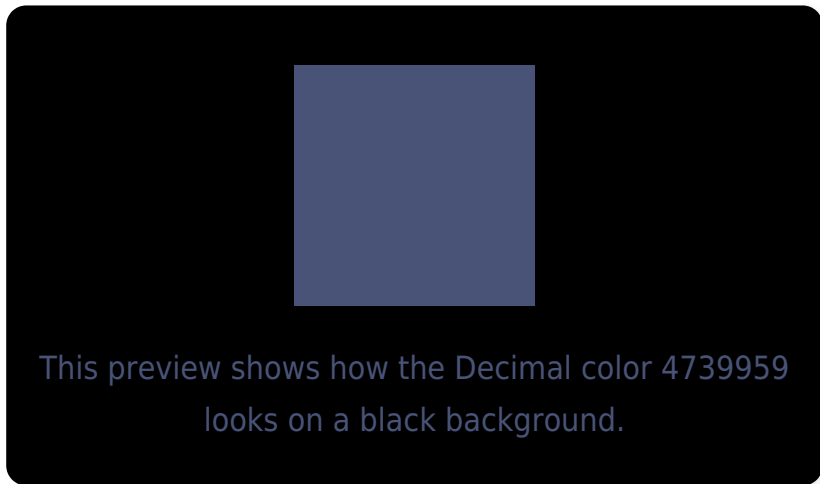
Large Text (above 18pt) WCAG AA ✓ Pass

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

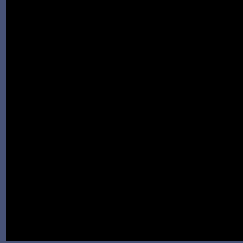
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

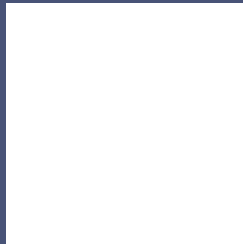
Any Text WCAG AAA × Fail

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

Decimal 4739959 Background



This preview shows how black text looks on a background with the Decimal color 4739959.

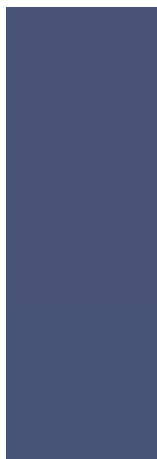


This preview shows how white text looks on a background with the Decimal color 4739959.

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

4739959

Protanopia

4805495

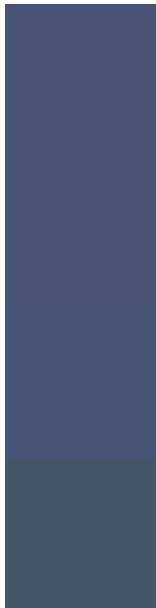
Deuteranopia

4674423



Tritanopia
4347999

Trichromacy



Original Color

4739959

Protanomaly

4805495

Deuteranomaly

4674423

Tritanomaly

4478568

Monochromacy



Original Color

4739959

Achromatopsia

5526612

Achromatomaly

5264481

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4739959 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 #485377 looks like.

```
.text, #text, p{  
    color:#485377  
}
```

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 #485377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485377
}
```

Border

The CSS property to change the border of an element to Decimal 4739959 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
#485377 }
```

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

```
.border{ border-color:#485377 }
```

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

Here you see how a box with a 4 pixel #485377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485377; -webkit-box-shadow:4px 4px  
4px 4px #485377; box-shadow:4px 4px 4px  
4px #485377 }
```

Background

The CSS property to change the background color of an element to Decimal 4739959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485377 }
```

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

```
.background{ background-color:#485377 }
```

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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