

Converting Colors

Decimal(4871026)

Have a look what the booklet for
Decimal(4871026) contains.

Decimal(4871026)	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(4871026)

Conversions

Conversions Part 1

Format	Color
Hex	4A5372
RGB	74, 83, 114
RGB Percent	29%, 33%, 45%
CMY	0.7098, 0.6745, 0.5529
CMYK	0.35, 0.27, 0.00, 0.55
HSL	226°, 21%, 37%
HSV	226°, 35%, 45%
XYZ	8.9546, 8.8573, 17.1573
YIQ	83.8430, -15.3150, 7.7330

Conversions

Conversions Part 2

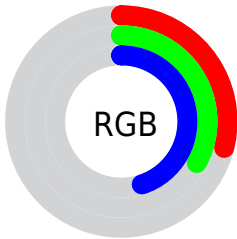
Format	Color
R_{YB}	74, 81, 114
Decimal	4871026
CIE _{Lab}	35.71, 4.63, -18.87
CIE _{LCh}	36, 19.434, 283.792
Yxy	8.8573, 0.2561, 0.2533
Android (android.graphics.Color)	4283061106 (0xFF4A5372)
YUV	83.8430, 14.8674, -8.6323
Hunter-Lab	29.7612, 1.6252, -13.3478

Details

The Decimal color **4871026** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7498058**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8160422**, and **1779266** is the 20% darker color. If you saturate the color by 10%, you get **4147826**, and if you desaturate by 10%, it is **5594226**.

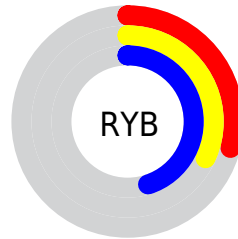
Distribution



Red (29%)

Green (33%)

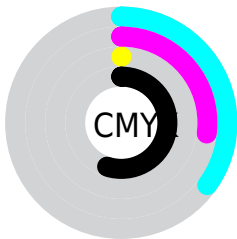
Blue (45%)



Red (29%)

Yellow (32%)

Blue (45%)

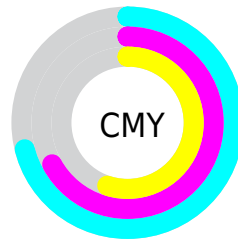


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (67%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4871026 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 4871026 by changing the saturation by 10% instead.

■ 4871026

■ 4871026

16777215

■ 3292249

■ 8160422

■ 1779266

■ 9871041

■ 266796

■ 11647453

■ 279

■ 13489658

■ 0

■ 15331839

■ 4871026

■ 4871026

■ 4147826

■ 5594226

■ 3359090

■ 6382962

■ 2635890

■ 7106162

■ 1847410

■ 7894642

■ 1124210

■ 8617842

■ 401010

■ 9341042

■ 6770

■ 10129778

■ 10852978

■ 11641714

Harmonies

Analogous

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



3299441



4871026



6245738

Triad

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



4871026



7359295



3431499

Complementary

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



4871026



7498058

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.



4610365



4871026



6705206

Square

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



4871026



7555149



5723446



2317659

Rectangle

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



4871026



6900322



5723446



3824454

Sweetspot

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



4871026



8685460



4878953



4211274



13224393



4868682

Same Dimension

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



4871026



5661844



5589618



3290168



7032



14583

Inverse Universe

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



7490131



9721444



6779466



3682868



7864347



16187448

Previews

White Background



This preview shows how the Decimal color 4871026 looks on a white background.

Color Contrast Check

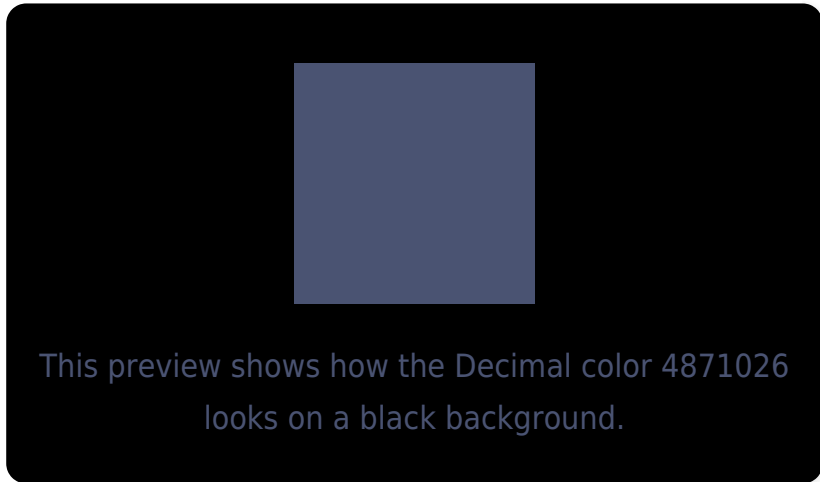
Large Text (above 18pt) WCAG AA ✓ Pass

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

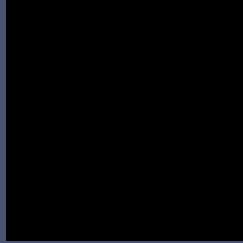
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

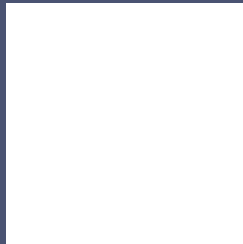
Any Text WCAG AAA × Fail

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

Decimal 4871026 Background



This preview shows how black text looks on a background with the Decimal color 4871026.



This preview shows how white text looks on a background with the Decimal color 4871026.

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](#).

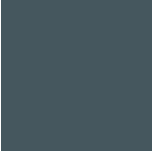
Dichromacy



Original Color
4871026

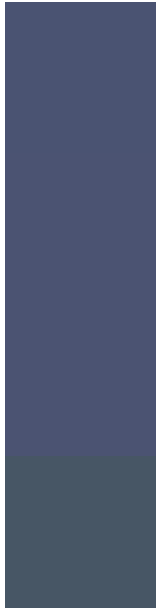
Protanopia
4936562

Deuteranopia
4936562



Tritanopia
4544350

Trichromacy



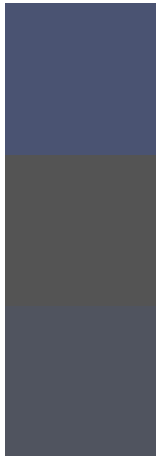
Original Color
4871026

Protanomaly
4936562

Deuteranomaly
4936562

Tritanomaly
4675173

Monochromacy



Original Color
4871026

Achromatopsia
5526612

Achromatomaly
5264479

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4871026 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 #4A5372 looks like.

```
.text, #text, p{  
    color:#4A5372  
}
```

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 #4A5372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5372
}
```

Border

The CSS property to change the border of an element to Decimal 4871026 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
#4A5372 }
```

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

```
.border{ border-color:#4A5372 }
```

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

Here you see how a box with a 4 pixel #4A5372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5372; -webkit-box-shadow:4px 4px  
4px 4px #4A5372; box-shadow:4px 4px 4px  
4px #4A5372 }
```

Background

The CSS property to change the background color of an element to Decimal 4871026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5372 }
```

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

```
.background{ background-color:#4A5372 }
```

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