

Converting Colors

Decimal(4871796)

Have a look what the booklet for
Decimal(4871796) contains.

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Color

Decimal(4871796)

Conversions

Conversions Part 1

Format	Color
Hex	4A5674
RGB	74, 86, 116
RGB Percent	29%, 34%, 45%
CMY	0.7098, 0.6627, 0.5451
CMYK	0.36, 0.26, 0.00, 0.55
HSL	223°, 22%, 37%
HSV	223°, 36%, 45%
XYZ	9.3042, 9.3724, 17.8417
YIQ	85.8320, -16.7820, 6.7860

Conversions

Conversions Part 2

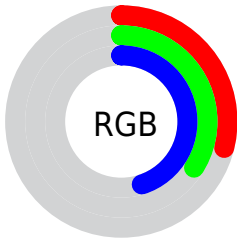
Format	Color
RYB	74, 83, 116
Decimal	4871796
CIELab	36.69, 3.32, -18.60
CIELCh	37, 18.889, 280.114
Yxy	9.3724, 0.2548, 0.2566
Android (android.graphics.Color)	4283061876 (0xFF4A5674)
YUV	85.8320, 14.8728, -10.3767
Hunter-Lab	30.6143, 0.6741, -13.1234

Details

The Decimal color **4871796** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7628874**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **8161448**, and **1780036** is the 20% darker color. If you saturate the color by 10%, you get **4083316**, and if you desaturate by 10%, it is **5660276**.

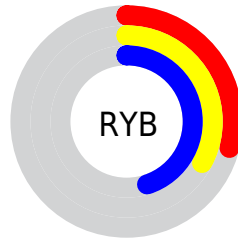
Distribution



Red (29%)

Green (34%)

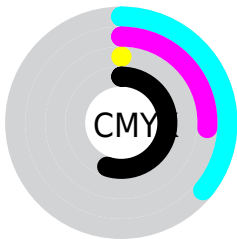
Blue (45%)



Red (29%)

Yellow (33%)

Blue (45%)

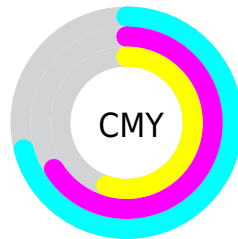


Cyan (36%)

Magenta (26%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4871796 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 4871796 by changing the saturation by 10% instead.

■ 4871796

■ 4871796

16777215

■ 3293019

■ 8161448

■ 1780036

■ 9872067

■ 202029

■ 11648479

■ 281

■ 13490684

■ 0

■ 15332863

■ 4871796

■ 4871796

■ 4083316

■ 5660276

■ 3360116

■ 6383476

■ 2571636

■ 7171956

■ 1848692

■ 7894900

■ 1060212

■ 8683380

■ 271476

■ 9472116

■ 8564

■ 10195060

■ 10983540

■ 11706740

Harmonies

Analogous

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



3431282



4871796



6246766

Triad

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



4871796



7556419



3759692

Complementary

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



4871796



7628874

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.



4938559



4871796



6967866

Square

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



4871796



7621458



6051640



2776923

Rectangle

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



4871796



6966630



6051640



4152647

Sweetspot

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



4871796



8817558



4879463



4408653



13421772



5066061

Same Dimension

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



4871796



5662870



5393012



3487291



9082



18426

Inverse Universe

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



7621206



9852520



7107658



3880246



7995427



16384071

Previews

White Background



This preview shows how the Decimal color 4871796 looks on a white background.

Color Contrast Check

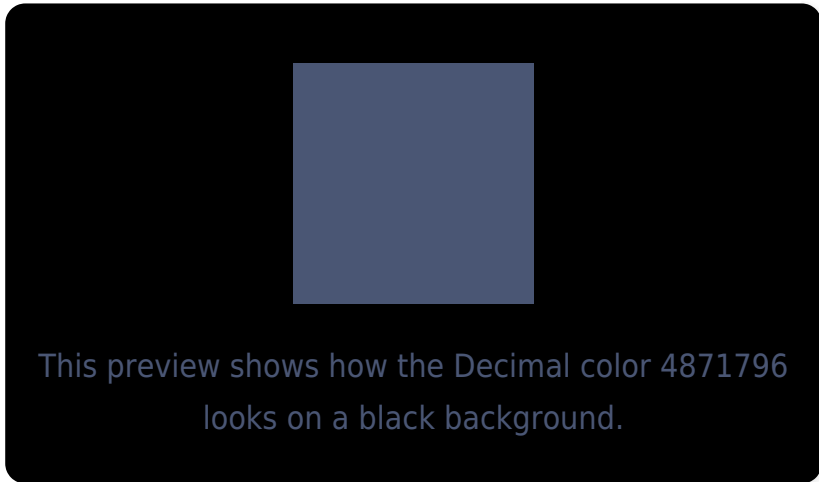
Large Text (above 18pt) WCAG AA ✓ Pass

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

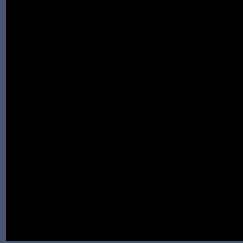
Any Text WCAG AA × Fail

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 4871796 Background



This preview shows how black text looks on a background with the Decimal color 4871796.

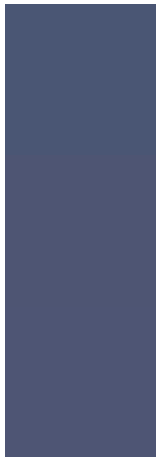


This preview shows how white text looks on a background with the Decimal color 4871796.

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](#).

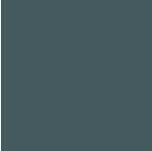
Dichromacy



Original Color
4871796

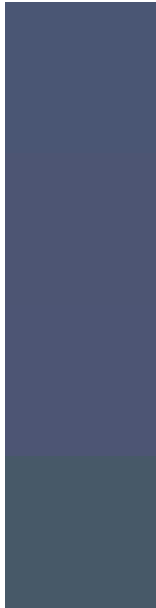
Protanopia
5133683

Deuteranopia
5133684



Tritanopia
4545121

Trichromacy



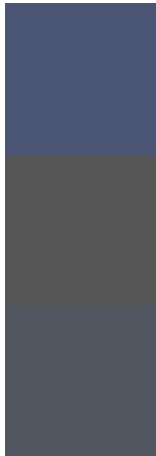
Original Color
4871796

Protanomaly
5068147

Deuteranomaly
5068148

Tritanomaly
4675944

Monochromacy



Original Color
4871796

Achromatopsia
5658198

Achromatomaly
5396065

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4871796 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 #4A5674 looks like.

```
.text, #text, p{  
    color:#4A5674  
}
```

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 #4A5674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5674
}
```

Border

The CSS property to change the border of an element to Decimal 4871796 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
#4A5674 }
```

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

```
.border{ border-color:#4A5674 }
```

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

Here you see how a box with a 4 pixel #4A5674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5674; -webkit-box-shadow:4px 4px  
4px 4px #4A5674; box-shadow:4px 4px 4px  
4px #4A5674 }
```

Background

The CSS property to change the background color of an element to Decimal 4871796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5674 }
```

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

```
.background{ background-color:#4A5674 }
```

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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