

Converting Colors

Decimal(4869742)

Have a look what the booklet for
Decimal(4869742) contains.

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Color

Decimal(4869742)

Conversions

Conversions Part 1

Format	Color
Hex	4A4E6E
RGB	74, 78, 110
RGB Percent	29%, 31%, 43%
CMY	0.7098, 0.6941, 0.5686
CMYK	0.33, 0.29, 0.00, 0.57
HSL	233°, 20%, 36%
HSV	233°, 33%, 43%
XYZ	8.3629, 8.0304, 15.8611
YIQ	80.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

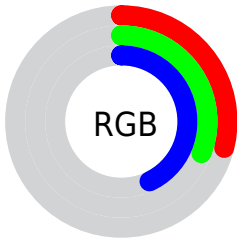
Format	Color
R _Y B	74, 78, 110
Decimal	4869742
CIE Lab	34.05, 6.67, -18.95
CIE LCh	34, 20.087, 289.396
Yxy	8.0304, 0.2593, 0.2490
Android (android.graphics.Color)	4283059822 (0xFF4A4E6E)
YUV	80.4520, 14.5672, -5.6584
Hunter-Lab	28.3380, 3.0862, -13.3487

Details

The Decimal color **4869742** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7236170**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **8159138**, and **1843774** is the 20% darker color. If you saturate the color by 10%, you get **4146286**, and if you desaturate by 10%, it is **5593198**.

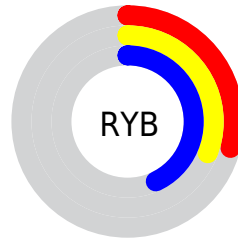
Distribution



Red (29%)

Green (31%)

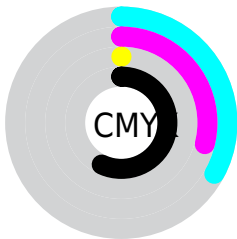
Blue (43%)



Red (29%)

Yellow (31%)

Blue (43%)

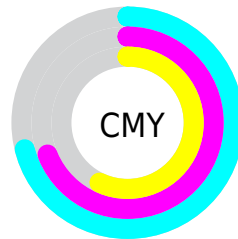


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (57%)



Cyan (71%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4869742 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 4869742 by changing the saturation by 10% instead.

■ 4869742

■ 4869742

16777215

■ 3356502

■ 8159138

■ 1843774

■ 9869757

■ 396328

■ 11646169

■ 275

■ 13422581

■ 0

■ 15330303

■ 4869742

■ 4869742

■ 4146286

■ 5593198

■ 3422830

■ 6316654

■ 2699630

■ 7039854

■ 1976174

■ 7763310

■ 1252718

■ 8486766

■ 529262

■ 9210222

■ 3182

■ 9933422

■ 10656878

■ 11380334

Harmonies

Analogous

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



3232623



4869742



6244453

Triad

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



4869742



7030841



2840650

Complementary

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



4869742



7236170

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.



4085307



4869742



6311217

Square

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



4869742



7357510



5263922



1661274

Rectangle

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



4869742



6833500



5263922



3233860

Sweetspot

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



4869742



8487567



4877930



4145223



13092807



4671303

Same Dimension

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



4869742



5725583



5786222



3289912



3448



7159

Inverse Universe

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



7227982



9394013



6319690



3682867



7864333



16187419

Previews

White Background



This preview shows how the Decimal color 4869742 looks on a white background.

Color Contrast Check

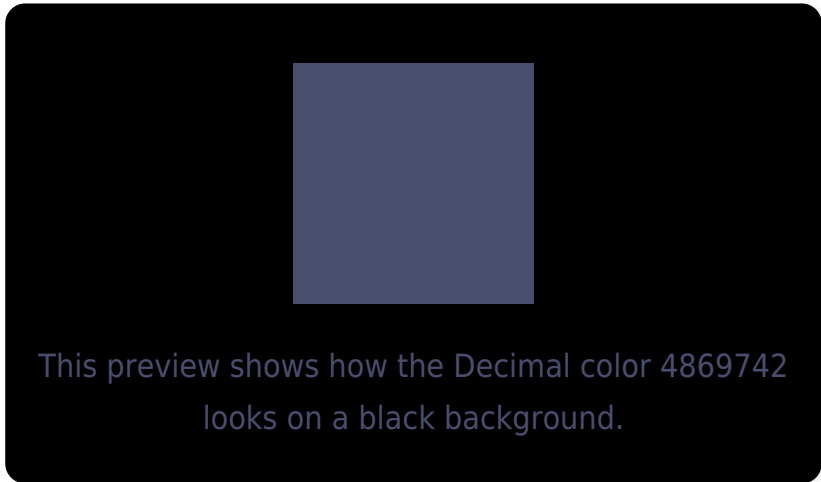
Large Text (above 18pt) WCAG AA ✓ Pass

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

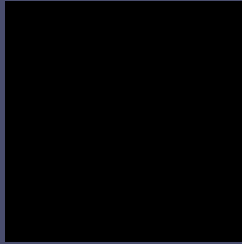
Any Text WCAG AA × Fail

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 4869742 Background



This preview shows how black text looks on a background with the Decimal color 4869742.

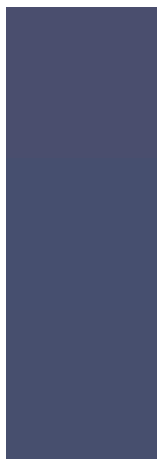


This preview shows how white text looks on a background with the Decimal color 4869742.

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](#).

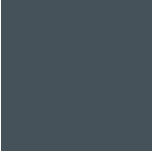
Dichromacy



Original Color
4869742

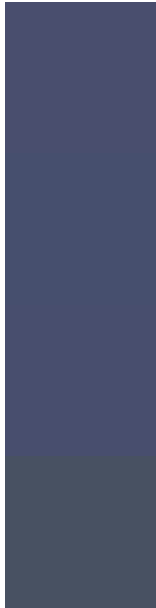
Protanopia
4607855

Deuteranopia
4673390



Tritanopia
4543065

Trichromacy



Original Color

4869742

Protanomaly

4673391

Deuteranomaly

4738926

Tritanomaly

4673889

Monochromacy



Original Color

4869742

Achromatopsia

5263440

Achromatomaly

5132123

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4869742 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 #4A4E6E looks like.

```
.text, #text, p{  
    color:#4A4E6E  
}
```

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 #4A4E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4E6E
}
```

Border

The CSS property to change the border of an element to Decimal 4869742 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
#4A4E6E }
```

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

```
.border{ border-color:#4A4E6E }
```

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

Here you see how a box with a 4 pixel #4A4E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4E6E; -webkit-box-shadow:4px 4px  
4px 4px #4A4E6E; box-shadow:4px 4px 4px  
4px #4A4E6E }
```

Background

The CSS property to change the background color of an element to Decimal 4869742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4E6E }
```

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

```
.background{ background-color:#4A4E6E }
```

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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