

Converting Colors

Decimal(2449769)

Have a look what the booklet for
Decimal(2449769) contains.

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Color

Decimal(2449769)

Conversions

Conversions Part 1

Format	Color
Hex	256169
RGB	37, 97, 105
RGB Percent	15%, 38%, 41%
CMY	0.8549, 0.6196, 0.5882
CMYK	0.65, 0.08, 0.00, 0.59
HSL	187°, 48%, 28%
HSV	187°, 65%, 41%
XYZ	7.5874, 9.9626, 14.8877
YIQ	79.9720, -38.3280, -10.2320

Conversions

Conversions Part 2

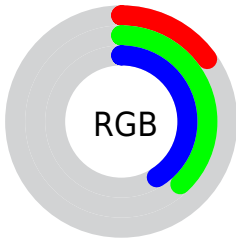
Format	Color
RYB	37, 69, 105
Decimal	2449769
CIELab	37.78, -16.50, -10.32
CIElCh	38, 19.462, 212.021
Yxy	9.9626, 0.2339, 0.3071
Android (android.graphics.Color)	4280639849 (0xFF256169)
YUV	79.9720, 12.3388, -37.6864
Hunter-Lab	31.5636, -12.3275, -5.8709

Details

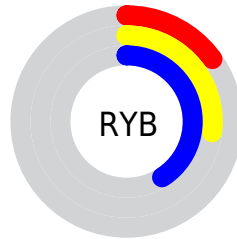
The Decimal color **2449769** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6892837**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **5936284**, and **12858** is the 20% darker color. If you saturate the color by 10%, you get **1728617**, and if you desaturate by 10%, it is **3170921**.

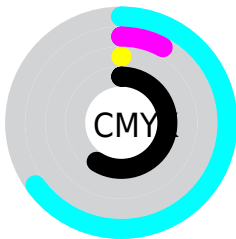
Distribution



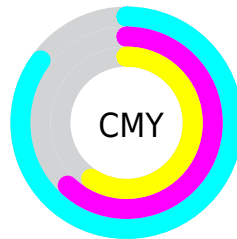
- Red (15%)
- Green (38%)
- Blue (41%)



- Red (15%)
- Yellow (27%)
- Blue (41%)



- Cyan (65%)
- Magenta (8%)
- Yellow (0%)
- Black (59%)



- Cyan (85%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2449769 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 2449769 by changing the saturation by 10% instead.

■ 2449769

■ 2449769

16777215

■ 84305

■ 5936284

■ 12858

■ 7712695

■ 7716

■ 9489107

■ 271

■ 11265775

■ 0

■ 13172735

■ 15007743

■ 2449769

■ 2449769

■ 1728617

■ 3170921

■ 1073001

■ 3826537

■ 417129

■ 4547945

■ 23913

■ 5203561

■ 5924713

■ 6580329

■ 7301737

■ 7957353

■ 8678505

Harmonies

Analogous

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



3039833



2449769



3104372

Triad

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



2449769



7229288



6510649

Complementary

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



2449769



6892837

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.



7361342



2449769



7818584

Square

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



2449769



6050932



7819081



5397822

Rectangle

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



2449769



4086904



7819081



6837818

Sweetspot

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



2449769



7374730



2451757



3490629



12895428



4539717

Same Dimension

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



2449769



1998218



2441065



3159350



26485



55541

Inverse Universe

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



6890849



9051773



6901541



3551285



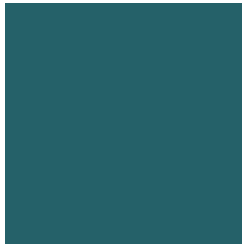
7667816



16056536

Previews

White Background



This preview shows how the Decimal color 2449769 looks on a white background.

Color Contrast Check

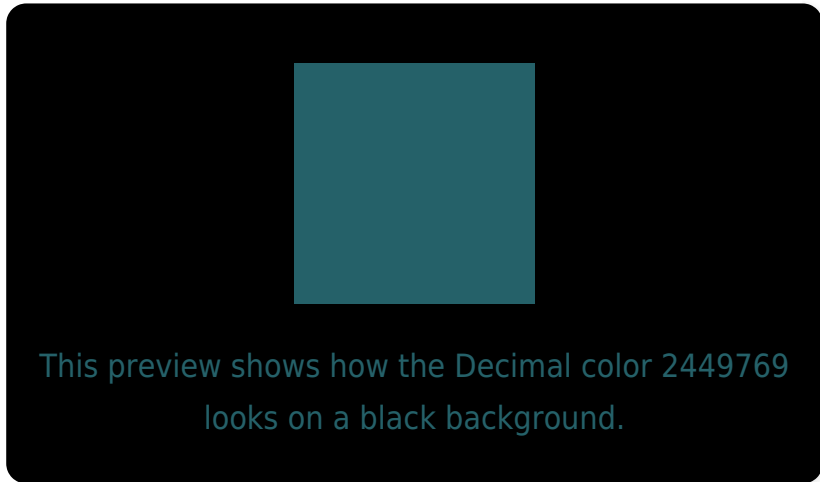
Large Text (above 18pt) WCAG AA ✓ Pass

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

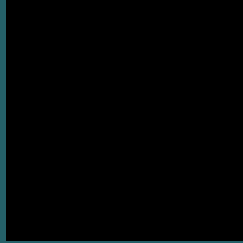
Any Text WCAG AA × Fail

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 2449769 Background



This preview shows how black text looks on a background with the Decimal color 2449769.

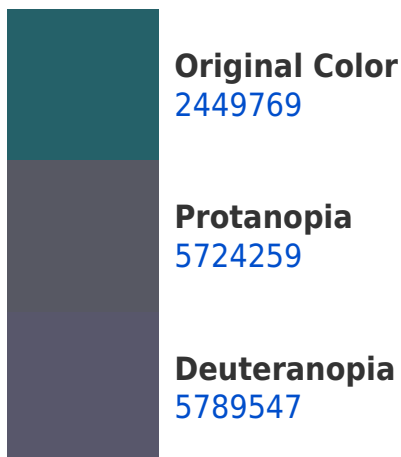



This preview shows how white text looks on a background with the Decimal color 2449769.

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](#).

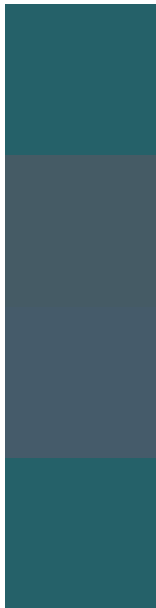
Dichromacy





Tritanopia
2449769

Trichromacy



Original Color

2449769

Protanomaly

4545381

Deuteranomaly

4545386

Tritanomaly

2449769

Monochromacy



Original Color

2449769

Achromatopsia

5263440

Achromatomaly

4216409

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2449769 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 #256169 looks like.

```
.text, #text, p{  
    color:#256169  
}
```

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 #256169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256169
}
```

Border

The CSS property to change the border of an element to Decimal 2449769 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
#256169 }
```

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

```
.border{ border-color:#256169 }
```

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

Here you see how a box with a 4 pixel #256169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256169; -webkit-box-shadow:4px 4px  
4px 4px #256169; box-shadow:4px 4px 4px  
4px #256169 }
```

Background

The CSS property to change the background color of an element to Decimal 2449769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256169 }
```

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

```
.background{ background-color:#256169 }
```

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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