

Converting Colors

Decimal(2574700)

Have a look what the booklet for
Decimal(2574700) contains.

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Color

Decimal(2574700)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 27496C |
| RGB | 39, 73, 108 |
| RGB Percent | 15%, 29%, 42% |
| CMY | 0.8471, 0.7137, 0.5765 |
| CMYK | 0.64, 0.32, 0.00, 0.58 |
| HSL | 210°, 47%, 29% |
| HSV | 210°, 64%, 42% |
| XYZ | 5.9260, 6.2791, 15.0870 |
| YIQ | 66.8240, -31.4990, 3.6770 |

Conversions

Conversions Part 2

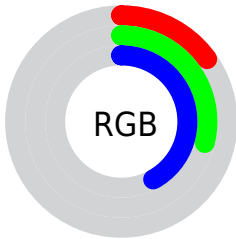
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 39, 62, 108 |
| Decimal | 2574700 |
| CIE _{Lab} | 30.11, -0.47, -24.00 |
| CIE _{LCh} | 30, 24.004, 268.882 |
| Yxy | 6.2791, 0.2171, 0.2301 |
| Android (android.graphics.Color) | 4280764780 (0xFF27496C) |
| YUV | 66.8240, 20.2998, -24.4016 |
| Hunter-Lab | 25.0582, -1.6383, -18.1565 |




Details

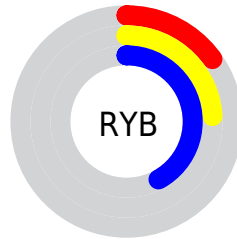
The Decimal color **2574700** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7096871**, and the grayscale version is **4408131**.




A 20% lighter version of the original color is **5994912**, and **7740** is the 20% darker color. If you saturate the color by 10%, you get **1852524**, and if you desaturate by 10%, it is **3296876**.

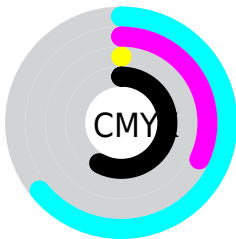
Distribution







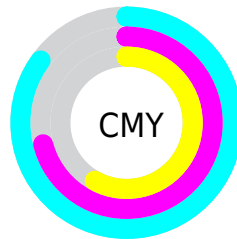
-  Red (15%)
-  Green (29%)
-  Blue (42%)






-  Red (15%)
-  Yellow (24%)
-  Blue (42%)



-  Cyan (64%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2574700 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 2574700 by changing the saturation by 10% instead.

■ 2574700

■ 2574700

16777215

■ 471892

■ 5994912

■ 7740

■ 7705531

■ 807

■ 9481943

■ 272

■ 11258355

■ 0

■ 13100543

■ 15007743

■ 2574700

■ 2574700

■ 1852524

■ 3296876

■ 1130092

■ 4019308

■ 473452

■ 4675948

■ 13676

■ 5398380

■ 6120556

■ 6842988

■ 7565164

■ 8222060

■ 8944236

Harmonies

Analogous

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



20070



2574700



4670056

Triad

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



2574700



6961462



2707251

Complementary

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



2574700



7096871

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.



4213541



2574700



6438695

Square

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



2574700



6895688



5457441



348486

Rectangle

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



2574700



5717600



5457441



3231278

Sweetspot

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



2574700



7503756



2583626



3620679



13092807



4671303

Same Dimension

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



2574700



2119052



2565996



3158838



14965



31221

Inverse Universe

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



7087945



9183317



7105575



3551283



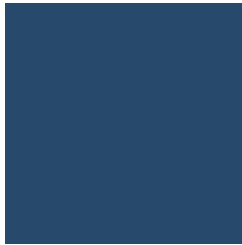
7667770



16056441

Previews

White Background



This preview shows how the Decimal color 2574700 looks on a white background.

Color Contrast Check

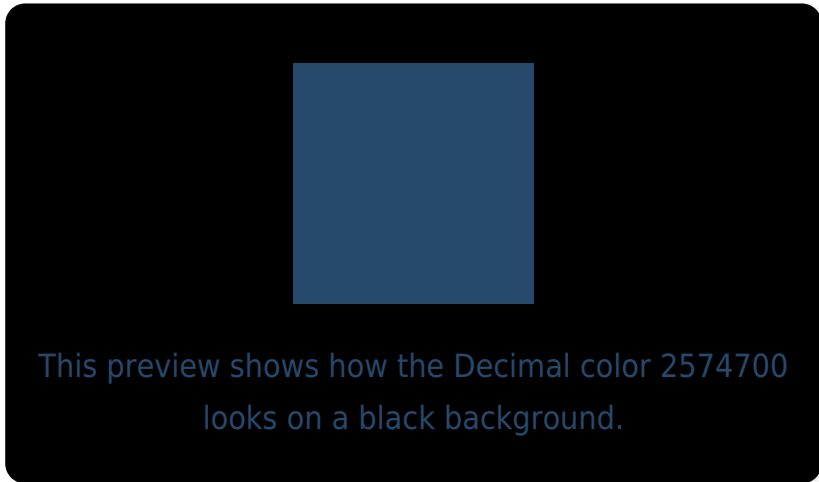
Large Text (above 18pt) WCAG AA ✓ Pass

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

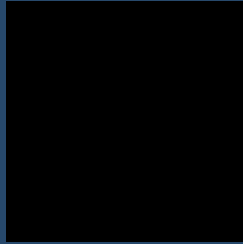
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

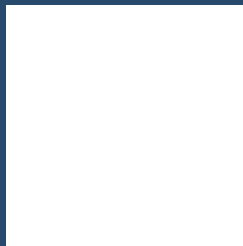
Any Text WCAG AAA × Fail

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

Decimal 2574700 Background



This preview shows how black text looks on a background with the Decimal color 2574700.



This preview shows how white text looks on a background with the Decimal color 2574700.

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

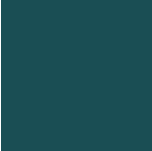
2574700

Protanopia

3884649

Deuteranopia

3426157



Tritanopia
1723988

Trichromacy



Original Color
2574700

Protanomaly
3426154

Deuteranomaly
3098733

Tritanomaly
2051165

Monochromacy



Original Color
2574700

Achromatopsia
4408131

Achromatomaly
3753298

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2574700 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 #27496C looks like.

```
.text, #text, p{  
    color:#27496C  
}
```

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 #27496C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27496C
}
```

Border

The CSS property to change the border of an element to Decimal 2574700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

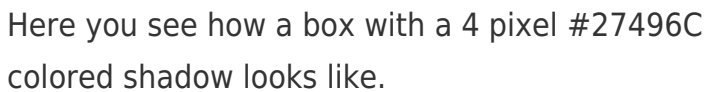
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27496C }
```

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

```
.border{ border-color:#27496C }
```

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



Here you see how a box with a 4 pixel #27496C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27496C; -webkit-box-shadow:4px 4px  
4px 4px #27496C; box-shadow:4px 4px 4px  
4px #27496C }
```

Background

The CSS property to change the background color of an element to Decimal 2574700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27496C }
```

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

```
.background{ background-color:#27496C }
```

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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