

Converting Colors

Decimal(400418)

Have a look what the booklet for
Decimal(400418) contains.

| | |
|--|----|
| Decimal(400418) | 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(400418)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 061C22 |
| RGB | 6, 28, 34 |
| RGB Percent | 2%, 11%, 13% |
| CMY | 0.9765, 0.8902, 0.8667 |
| CMYK | 0.82, 0.18, 0.00, 0.87 |
| HSL | 193°, 70%, 8% |
| HSV | 193°, 82%, 13% |
| XYZ | 0.7791, 0.9847, 1.6624 |
| YIQ | 22.1060, -15.0380, -2.7980 |

Conversions

Conversions Part 2

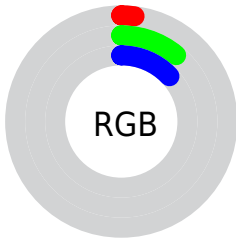
| Format | Color |
|-------------------------------------|--|
| RYB | 6, 18, 34 |
| Decimal | 400418 |
| CIELab | 8.86, -6.29, -6.75 |
| CIELCh | 9, 9.225, 227.011 |
| Yxy | 0.9847, 0.2274, 0.2874 |
| Android (android.graphics.Color) | 4278590498 (0xFF061C22) |
| YUV | 22.1060, 5.8637, -14.1250 |
| Hunter-Lab | 9.9233, -3.3515, -2.9861 |

Details

The Decimal color **400418** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2231302**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **3295054**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **203554**, and if you desaturate by 10%, it is **597282**.

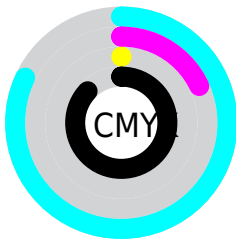
Distribution



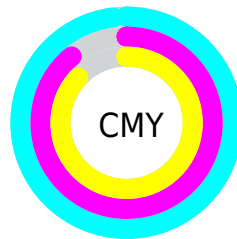
- Red (2%)
- Green (11%)
- Blue (13%)



- Red (2%)
- Yellow (7%)
- Blue (13%)



- Cyan (82%)
- Magenta (18%)
- Yellow (0%)
- Black (87%)



- Cyan (98%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 400418 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 400418 by changing the saturation by 10% instead.



400418



400418



15204351



12



3295054



0



4808550



6453375



8098201



9809076



11585487



13362156



400418



400418

■ 203554

■ 597282

■ 6946

■ 859426

■ 1056290

■ 1318690

■ 1515554

■ 1712162

■ 1974562

■ 2171426

■ 2433826

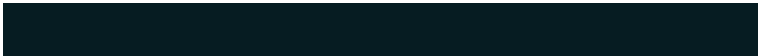
Harmonies

Analogous

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



400669



400418



858917

Triad

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



400418



2364700



1776139

Complementary

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



400418



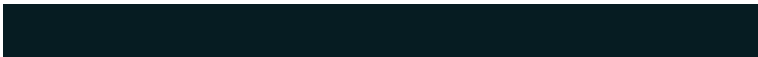
2231302

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.



2103307



400418



2430230

Square

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



400418



1971746



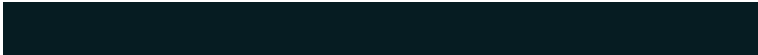
2364943



1252368

Rectangle

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



400418



1251621



2364943



1906954

Sweetspot

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



400418



2173227



401932



1053975



9868950



1513239

Same Dimension

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



400418



8747



396834



1052946



16466



42193

Inverse Universe

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



2229788



2818082



2234886



1183761



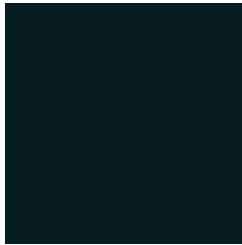
5374016



13697188

Previews

White Background



This preview shows how the Decimal color 400418 looks on a white background.

Color Contrast Check

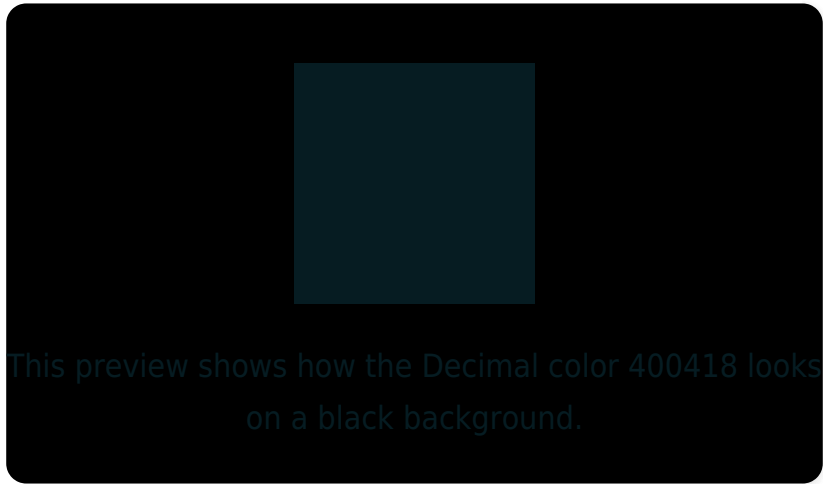
Large Text (above 18pt) WCAG AA ✓ Pass

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

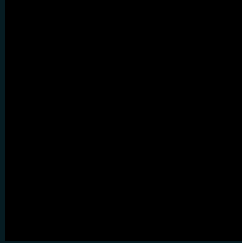
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

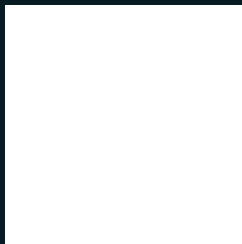
Any Text WCAG AAA × Fail

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

Decimal 400418 Background



This preview shows how black text looks on a background with the Decimal color 400418.



This preview shows how white text looks on a background with the Decimal color 400418.

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
400418

Protanopia
1579296

Deuteranopia
1513763

Trichromacy



Original Color

400418

Protanomaly

1120801

Deuteranomaly

1120803

Tritanomaly

138528

Monochromacy



Original Color

400418

Achromatopsia

1447446

Achromatomaly

1054746

CSS Examples

Text

The CSS property to change the color of the text to Decimal 400418 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 #061C22 looks like.

```
.text, #text, p{  
    color:#061C22  
}
```

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 #061C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #061C22
}
```

Border

The CSS property to change the border of an element to Decimal 400418 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
#061C22 }
```

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

```
.border{ border-color:#061C22 }
```

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

Here you see how a box with a 4 pixel #061C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #061C22; -webkit-box-shadow:4px 4px  
4px 4px #061C22; box-shadow:4px 4px 4px  
4px #061C22 }
```

Background

The CSS property to change the background color of an element to Decimal 400418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#061C22 }
```

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

```
.background{ background-color:#061C22 }
```

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