

Converting Colors

Decimal(469526)

Have a look what the booklet for
Decimal(469526) contains.

Decimal(469526)	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(469526)

Conversions

Conversions Part 1

Format	Color
Hex	072A16
RGB	7, 42, 22
RGB Percent	3%, 16%, 9%
CMY	0.9725, 0.8353, 0.9137
CMYK	0.83, 0.00, 0.48, 0.84
HSL	146°, 71%, 10%
HSV	146°, 83%, 16%
XYZ	1.0604, 1.7590, 1.0427
YIQ	29.2550, -14.4400, -13.6400

Conversions

Conversions Part 2

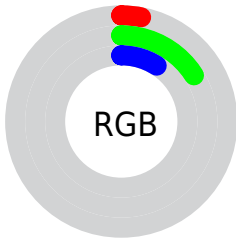
Format	Color
RYB	7, 32, 42
Decimal	469526
CIELab	14.17, -18.31, 9.54
CIELCh	14, 20.648, 152.474
Yxy	1.7590, 0.2746, 0.4555
Android (android.graphics.Color)	4278659606 (0xFF072A16)
YUV	29.2550, -3.5767, -19.5176
Hunter-Lab	13.2628, -8.9383, 4.6227

Details

The Decimal color **469526** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2754331**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **3496001**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **207380**, and if you desaturate by 10%, it is **731672**.

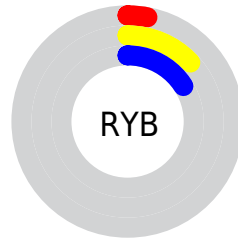
Distribution



Red (3%)

Green (16%)

Blue (9%)



Red (3%)

Yellow (13%)

Blue (16%)

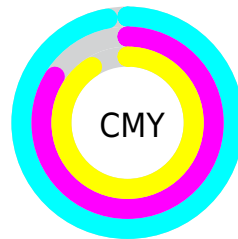


Cyan (83%)

Magenta (0%)

Yellow (48%)

Black (84%)



Cyan (97%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 469526 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 469526 by changing the saturation by 10% instead.



469526



469526



15532024



5888



3496001



0



5075032



6654577



8365194



10076324



11852735



13695195



469526



469526

■ 207380

■ 731672

■ 10770

■ 993819

■ 1321501

■ 1583648

■ 1845794

■ 2107940

■ 2370087

■ 2697769

■ 2959916

Harmonies

Analogous

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



1910792



469526



11045

Triad

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



469526



468289



4004117

Complementary

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



469526



2754331

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.



4069155



469526



2498620

Square

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



469526



10557



3611186



3612167

Rectangle

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



469526



11055



3611186



4069402

Sweetspot

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



469526



2635310



1780231



1317911



10263708



1842204

Same Dimension

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



469526



13847



469543



1184787



21540



54363

Inverse Universe

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



2754331



3538975



2754314



1315348



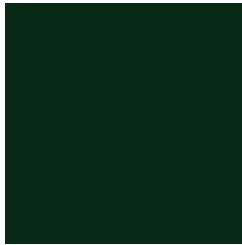
5505072



13893753

Previews

White Background



This preview shows how the Decimal color 469526 looks on a white background.

Color Contrast Check

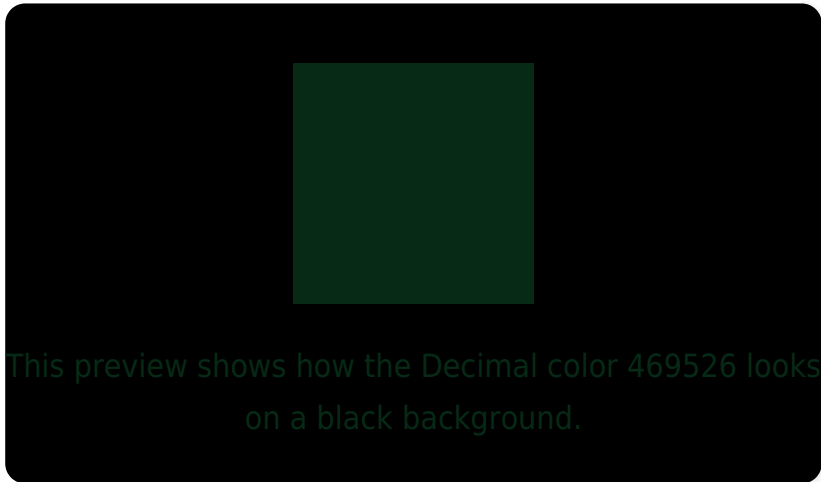
Large Text (above 18pt) WCAG AA ✓ Pass

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

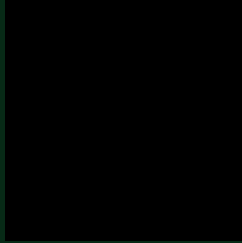
Any Text WCAG AA × Fail

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 469526 Background



This preview shows how black text looks on a background with the Decimal color 469526.



This preview shows how white text looks on a background with the Decimal color 469526.

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
469526

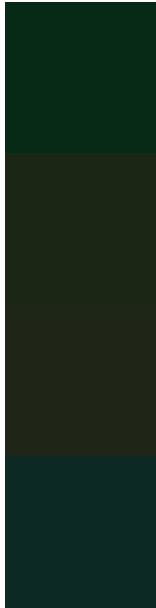
Protanopia
2630676

Deuteranopia
2892568



Tritanopia
1124395

Trichromacy



Original Color
469526

Protanomaly
1844757

Deuteranomaly
2041367

Tritanomaly
862499

Monochromacy



Original Color
469526

Achromatopsia
1907997

Achromatomaly
1384986

CSS Examples

Text

The CSS property to change the color of the text to Decimal 469526 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 #072A16 looks like.

```
.text, #text, p{  
    color:#072A16  
}
```

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 #072A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072A16
}
```

Border

The CSS property to change the border of an element to Decimal 469526 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
#072A16 }
```

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

```
.border{ border-color:#072A16 }
```

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

Here you see how a box with a 4 pixel #072A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072A16; -webkit-box-shadow:4px 4px  
4px 4px #072A16; box-shadow:4px 4px 4px  
4px #072A16 }
```

Background

The CSS property to change the background color of an element to Decimal 469526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072A16 }
```

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

```
.background{ background-color:#072A16 }
```

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