

Converting Colors

Decimal(7471)

Have a look what the booklet for
Decimal(7471) contains.

| | |
|--|----|
| Decimal(7471) | 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(7471)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 001D2F |
| RGB | 0, 29, 47 |
| RGB Percent | 0%, 11%, 18% |
| CMY | 1.0000, 0.8863, 0.8157 |
| CMYK | 1.00, 0.38, 0.00, 0.82 |
| HSL | 203°, 100%, 9% |
| HSV | 203°, 100%, 18% |
| XYZ | 0.9525, 1.0840, 2.8483 |
| YIQ | 22.3810, -23.0620, -0.5500 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 18, 47 |
| Decimal | 7471 |
| CIELab | 9.67, -2.86, -15.11 |
| CIElCh | 10, 15.377, 259.283 |
| Yxy | 1.0840, 0.1950, 0.2219 |
| Android (android.graphics.Color) | 4278197551 (0xFF001D2F) |
| YUV | 22.3810, 12.1372, -19.6281 |
| Hunter-Lab | 10.4114, -1.8903, -8.9326 |

Details

The Decimal color **7471** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **3084800**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **3164253**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **7471**, and if you desaturate by 10%, it is **335663**.

Distribution



- Red (0%)
- Green (11%)
- Blue (18%)



- Red (0%)
- Yellow (7%)
- Blue (18%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7471 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 7471 by changing the saturation by 10% instead.



7471



7471



15269887



283



3164253



0



4743286



6388111



8098474



9809349



11585761



13427966



7471

■ 335663

■ 598319

■ 926255

■ 1254447

■ 1582639

■ 1845295

■ 2173487

■ 2501423

■ 2764079

Harmonies

Analogous

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



7978



7471



1382958

Triad

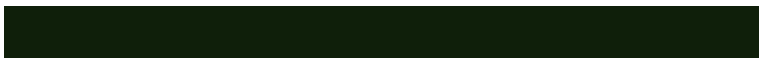
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7471



3019284



990986

Complementary

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



7471



3084800

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.



1842176



7471



2888967

Square

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



7471



2888223



2431232



8215

Rectangle

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



7471



2103083



2431232



1318406

Sweetspot

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



7471



2831933



12049



1317407



10395294



2039583

Same Dimension

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



7471



9789



1583



1381911



13655



34006

Inverse Universe

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



3080221



3997734



3090688



1512726



5701685



14024836

Previews

White Background



This preview shows how the Decimal color 7471 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

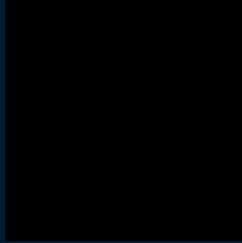
Any Text WCAG AA × Fail

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 7471 Background



This preview shows how black text looks on a background with the Decimal color 7471.



This preview shows how white text looks on a background with the Decimal color 7471.

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
7471

Protanopia
1383213

Deuteranopia
924719

Trichromacy



Original Color

7471

Protanomaly

859182

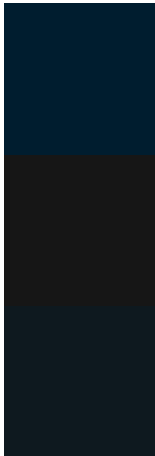
Deuteranomaly

597039

Tritanomaly

7718

Monochromacy



Original Color

7471

Achromatopsia

1447446

Achromatomaly

923935

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7471 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 #001D2F looks like.

```
.text, #text, p{  
    color:#001D2F  
}
```

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 #001D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001D2F  
}
```

Border

The CSS property to change the border of an element to Decimal 7471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

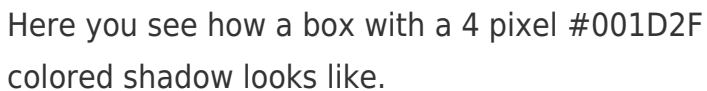
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#001D2F }
```

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

```
.border{ border-color:#001D2F }
```

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



Here you see how a box with a 4 pixel #001D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001D2F; -webkit-box-shadow:4px 4px  
4px 4px #001D2F; box-shadow:4px 4px 4px  
4px #001D2F }
```

Background

The CSS property to change the background color of an element to Decimal 7471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001D2F }
```

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

```
.background{ background-color:#001D2F }
```

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