

# Converting Colors

Decimal(7451)

Have a look what the booklet for  
Decimal(7451) contains.

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# Color

**Decimal(7451)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001D1B
RGB	0, 29, 27
RGB Percent	0%, 11%, 11%
CMY	1.0000, 0.8863, 0.8941
CMYK	1.00, 0.00, 0.07, 0.89
HSL	176°, 100%, 6%
HSV	176°, 100%, 11%
XYZ	0.6372, 0.9579, 1.1882
YIQ	20.1010, -16.6420, -6.7700

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 15, 29
Decimal	7451
CIELab	8.64, -11.12, -1.89
CIELCh	9, 11.278, 189.631
Yxy	0.9579, 0.2289, 0.3441
Android (android.graphics.Color)	4278197531 (0xFF001D1B)
YUV	20.1010, 3.4012, -17.6286
Hunter-Lab	9.7870, -5.5059, -0.3473

# Details

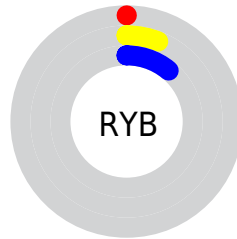
The Decimal color **7451** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1900546**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **2967878**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **7451**, and if you desaturate by 10%, it is **204059**.

# Distribution



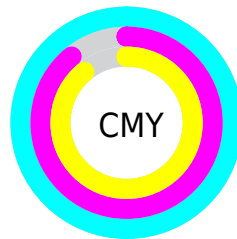
- Red (0%)
- Green (11%)
- Blue (11%)



- Red (0%)
- Yellow (6%)
- Blue (11%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (89%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7451 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 7451 by changing the saturation by 10% instead.



■ 7451

■ 7451

■ 14811134

■ 0

■ 2967878

■ 4481118

■ 6060406

■ 7705488

■ 9416362

■ 11192774

■ 12969442

■ 7451

■ 204059

■ 400667

■ 597276

■ 793884

■ 990492

■ 1121564

■ 1318172

■ 1514781

■ 1711389

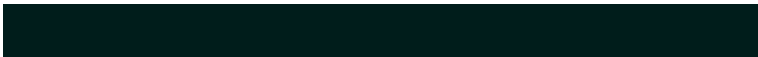
# Harmonies

## Analogous

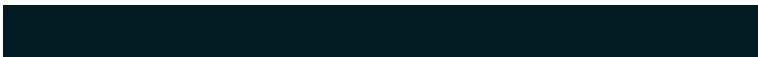
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



531731



7451



7202

# Triad

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



7451



1906212



2299398

# Complementary

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



7451



1900546

# 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.



2561038



7451



2364446

# Square

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



7451



1186087



2560791



1841412

# Rectangle

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



7451



138278



2560791



2364936



# Sweetspot

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



7451



1779237



138496



857108



9737364



1315860



# Same Dimension

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



7451



9764



4381



921359



20298



53184



# Inverse Universe

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



1900546



2490371



1903616



986638



5177349



13565966



# Previews

## White Background



This preview shows how the Decimal color 7451 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

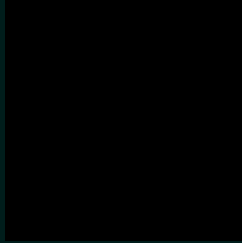
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7451 Background



This preview shows how black text looks on a background with the Decimal color 7451.



This preview shows how white text looks on a background with the Decimal color 7451.

# 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**  
7451

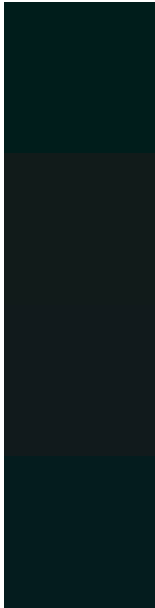
**Protanopia**  
1710617

**Deuteranopia**  
1775900



**Tritanopia**  
465951

# Trichromacy



**Original Color**

7451

**Protanomaly**

1121050

**Deuteranomaly**

1120796

**Tritanomaly**

269342

# Monochromacy



**Original Color**

7451

**Achromatopsia**

1315860

**Achromatomaly**

857879

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7451 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 #001D1B looks like.

```
.text, #text, p{  
    color:#001D1B  
}
```

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 #001D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001D1B
}
```

## Border

The CSS property to change the border of an element to Decimal 7451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

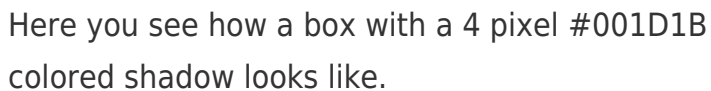
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001D1B }
```

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

```
.border{ border-color:#001D1B }
```

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



Here you see how a box with a 4 pixel #001D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001D1B; -webkit-box-shadow:4px 4px  
4px 4px #001D1B; box-shadow:4px 4px 4px  
4px #001D1B }
```

# Background

The CSS property to change the background color of an element to Decimal 7451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001D1B }
```

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

```
.background{ background-color:#001D1B }
```

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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