

# Converting Colors

Decimal(7198)

Have a look what the booklet for  
Decimal(7198) contains.

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# Color

**Decimal(7198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001C1E
RGB	0, 28, 30
RGB Percent	0%, 11%, 12%
CMY	1.0000, 0.8902, 0.8824
CMYK	1.00, 0.07, 0.00, 0.88
HSL	184°, 100%, 6%
HSV	184°, 100%, 12%
XYZ	0.6496, 0.9242, 1.3725
YIQ	19.8560, -17.3300, -5.3140

# Conversions

## Conversions Part 2

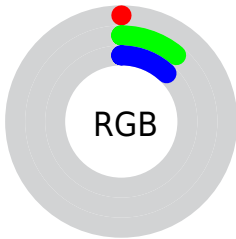
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 14, 30</a>
Decimal	<a href="#">7198</a>
CIELab	<a href="#">8.34, -9.35, -4.57</a>
CIELCh	<a href="#">8, 10.412, 206.054</a>
Yxy	<a href="#">0.9242, 0.2205, 0.3137</a>
Android (android.graphics.Color)	<a href="#">4278197278 (0xFF001C1E)</a>
YUV	<a href="#">19.8560, 5.0010, -17.4137</a>
Hunter-Lab	<a href="#">9.6138, -4.7629, -1.7346</a>

# Details

The Decimal color **7198** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1966592**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **2967370**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **7198**, and if you desaturate by 10%, it is **203806**.

# Distribution



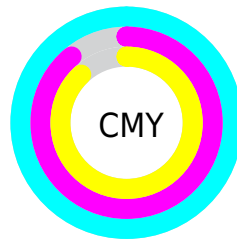
- Red (0%)
- Green (11%)
- Blue (12%)



- Red (0%)
- Yellow (5%)
- Blue (12%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (88%)



- Cyan (100%)
- Magenta (89%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7198 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 7198 by changing the saturation by 10% instead.





7198



7198



14811135



4



2967370



0



4480865



6060154



7704980



9415854



11192266



12968934



7198

■ 203806

■ 400414

■ 597278

■ 793886

■ 990494

■ 1187102

■ 1383710

■ 1580574

■ 1777182

# Harmonies

## Analogous

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



269335



7198



203555

# Triad

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



7198



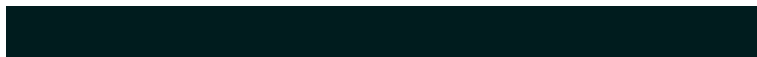
2102304



2037509

# Complementary

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



7198



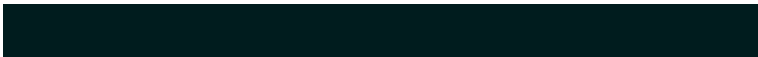
1966592

# 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.



2364682



7198



2429721

# Square

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



7198



1578789



2495250



1579527

# Rectangle

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



7198



596517



2495250



2168582



# Sweetspot

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



7198



1778982



7682



857108



9737364



1315860



# Same Dimension

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



7198



9254



3358



921359



19023



49615



# Inverse Universe

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



1966108



2490404



1970432



986639



5177418



13566145



# Previews

## White Background



This preview shows how the Decimal color 7198 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

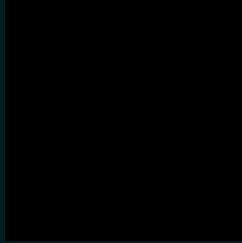
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7198 Background



This preview shows how black text looks on a background with the Decimal color 7198.



This preview shows how white text looks on a background with the Decimal color 7198.

# 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**  
7198

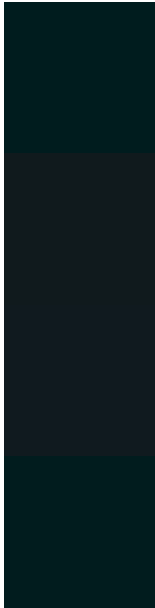
**Protanopia**  
1644828

**Deuteranopia**  
1644831



**Tritanopia**  
138270

# Trichromacy



**Original Color**  
7198

**Protanomaly**  
1055261

**Deuteranomaly**  
1055263

**Tritanomaly**  
72734

# Monochromacy



**Original Color**  
7198

**Achromatopsia**  
1315860

**Achromatomaly**  
857880

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7198 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 #001C1E looks like.

```
.text, #text, p{  
    color:#001C1E  
}
```

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 #001C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001C1E
}
```

## Border

The CSS property to change the border of an element to Decimal 7198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

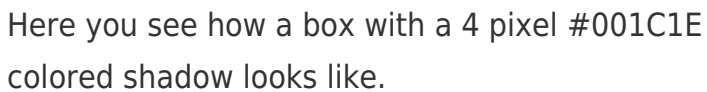
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001C1E }
```

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

```
.border{ border-color:#001C1E }
```

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



Here you see how a box with a 4 pixel #001C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001C1E; -webkit-box-shadow:4px 4px  
4px 4px #001C1E; box-shadow:4px 4px 4px  
4px #001C1E }
```

# Background

The CSS property to change the background color of an element to Decimal 7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001C1E }
```

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

```
.background{ background-color:#001C1E }
```

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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