

Converting Colors

Decimal(4887)

Have a look what the booklet for
Decimal(4887) contains.

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Color

Decimal(4887)

Conversions

Conversions Part 1

Format	Color
Hex	001317
RGB	0, 19, 23
RGB Percent	0%, 7%, 9%
CMY	1.0000, 0.9255, 0.9098
CMYK	1.00, 0.17, 0.00, 0.91
HSL	190°, 100%, 5%
HSV	190°, 100%, 9%
XYZ	0.3875, 0.5276, 0.8920
YIQ	13.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

Format	Color
RYB	0, 10, 23
Decimal	4887
CIELab	4.77, -4.67, -4.54
CIELCh	5, 6.513, 224.218
Yxy	0.5276, 0.2144, 0.2920
Android (android.graphics.Color)	4278194967 (0xFF001317)
YUV	13.7750, 4.5479, -12.0807
Hunter-Lab	7.2637, -3.1881, -2.1966

Details

The Decimal color **4887** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1508352**, and the grayscale version is **921102**.

A 20% lighter version of the original color is **3095873**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4887**, and if you desaturate by 10%, it is **135959**.

Distribution



Red (0%)

Green (7%)

Blue (9%)



Red (0%)

Yellow (4%)

Blue (9%)

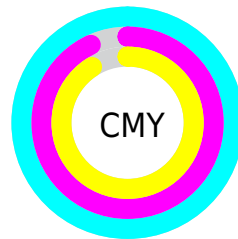


Cyan (100%)

Magenta (17%)

Yellow (0%)

Black (91%)



Cyan (100%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4887 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 4887 by changing the saturation by 10% instead.

■ 4887

■ 4887

■ 14873592

■ 0

■ 3095873

■ 4543577

■ 6122865

■ 7767691

■ 9478309

■ 11189184

■ 13031388

■ 4887

■ 135959

■ 332823

■ 463895

■ 595223

■ 791831

■ 922903

■ 1054231

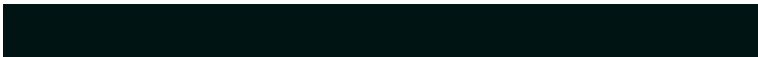
■ 1185303

■ 1382167

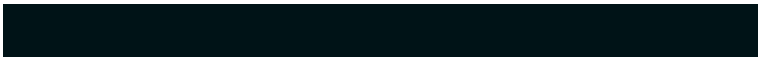
Harmonies

Analogous

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



5139



4887



397849

Triad

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



4887



1641491



1184002

Complementary

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



4887



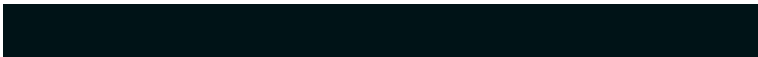
1508352

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.



1576706



4887



1772557

Square

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



4887



1314327



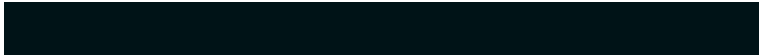
1707271



725510

Rectangle

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



4887



725018



1707271



1314818

Sweetspot

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



4887



1383711



5892



658959



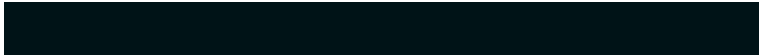
9408399



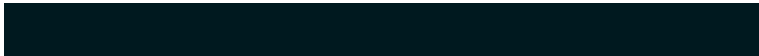
986895

Same Dimension

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



4887



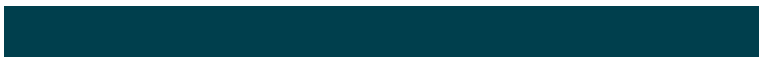
6431



2071



724237



16205



43468

Inverse Universe

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



1507347



2031641



1511168



854797



5046335



13369513

Previews

White Background



This preview shows how the Decimal color 4887 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

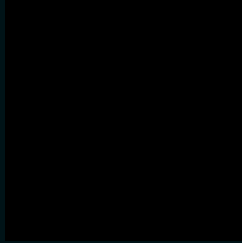
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

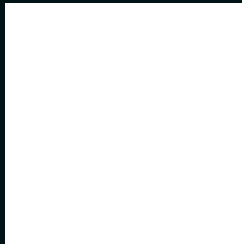
Any Text WCAG AAA × Fail

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

Decimal 4887 Background



This preview shows how black text looks on a background with the Decimal color 4887.



This preview shows how white text looks on a background with the Decimal color 4887.

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
4887

Protanopia
1052950

Deuteranopia
1052951



Tritanopia
4885

Trichromacy



Original Color
4887

Protanomaly
659990

Deuteranomaly
659991

Tritanomaly
4886

Monochromacy



Original Color
4887

Achromatopsia
921102

Achromatomaly
593937

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4887 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 #001317 looks like.

```
.text, #text, p{  
  color:#001317  
}
```

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 #001317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001317
}
```

Border

The CSS property to change the border of an element to Decimal 4887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

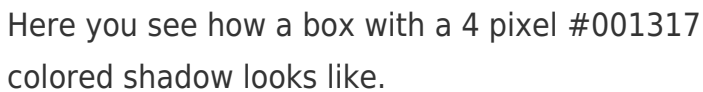
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001317 }
```

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

```
.border{ border-color:#001317 }
```

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



Here you see how a box with a 4 pixel #001317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001317; -webkit-box-shadow:4px 4px  
4px 4px #001317; box-shadow:4px 4px 4px  
4px #001317 }
```

Background

The CSS property to change the background color of an element to Decimal 4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001317 }
```

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

```
.background{ background-color:#001317 }
```

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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