

# Converting Colors

Decimal(4676)

Have a look what the booklet for  
Decimal(4676) contains.

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# Color

**Decimal(4676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001244
RGB	0, 18, 68
RGB Percent	0%, 7%, 27%
CMY	1.0000, 0.9294, 0.7333
CMYK	1.00, 0.74, 0.00, 0.73
HSL	224°, 100%, 13%
HSV	224°, 100%, 27%
XYZ	1.2597, 0.8500, 5.5665
YIQ	18.3180, -26.7780, 11.7340

# Conversions

## Conversions Part 2

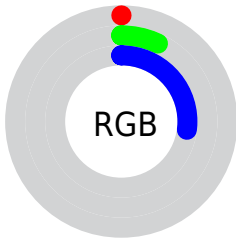
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 14, 68</a>
Decimal	<a href="#">4676</a>
CIELab	<a href="#">7.68, 16.27, -33.40</a>
CIELCh	<a href="#">8, 37.155, 295.964</a>
Yxy	<a href="#">0.8500, 0.1641, 0.1107</a>
Android (android.graphics.Color)	<a href="#">4278194756 (0xFF001244)</a>
YUV	<a href="#">18.3180, 24.4932, -16.0649</a>
Hunter-Lab	<a href="#">9.2194, 8.2556, -29.3448</a>

# Details

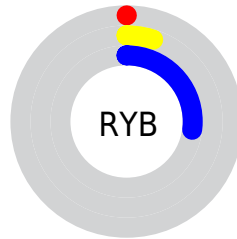
The Decimal color **4676** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4469248**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **3750773**, and **280** is the 20% darker color. If you saturate the color by 10%, you get **4676**, and if you desaturate by 10%, it is **464708**.

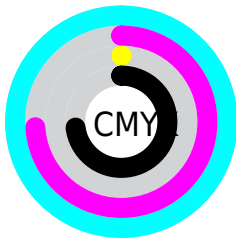
# Distribution



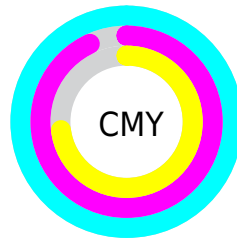
- Red (0%)
- Green (7%)
- Blue (27%)



- Red (0%)
- Yellow (5%)
- Blue (27%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (93%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4676 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 4676 by changing the saturation by 10% instead.



■ 4676                      ■ 4676

■ 16249343                ■ 45

■ 3750773                 ■ 280

■ 5460623                ■ 0

■ 7170985

■ 8881349

■ 10657505

■ 12499454

■ 14341375

■ 4676

■ 464708

■ 924740

■ 1319236

■ 1779268

■ 2239300

■ 2699332

■ 3159364

■ 3553860

■ 4013892

# Harmonies

## Analogous

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



7241



4676



3080243

# Triad

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



4676



3344384



8722

# Complementary

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



4676



4469248

# 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.



8448



4676



2168064

# Square

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



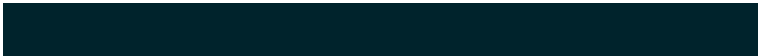
4676



4063232



72960



9004

# Rectangle

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



4676



3866659



72960



8709



# Sweetspot

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



4676



4081241



17458



1909294



11382189



3026478



# Same Dimension

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



4676



6233



1048644



1974049



6753



15328



# Inverse Universe

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



4456466



5832728



3425280



2170399



6357018



14680123



# Previews

## White Background



This preview shows how the Decimal color 4676 looks on a white background.

## Color Contrast Check

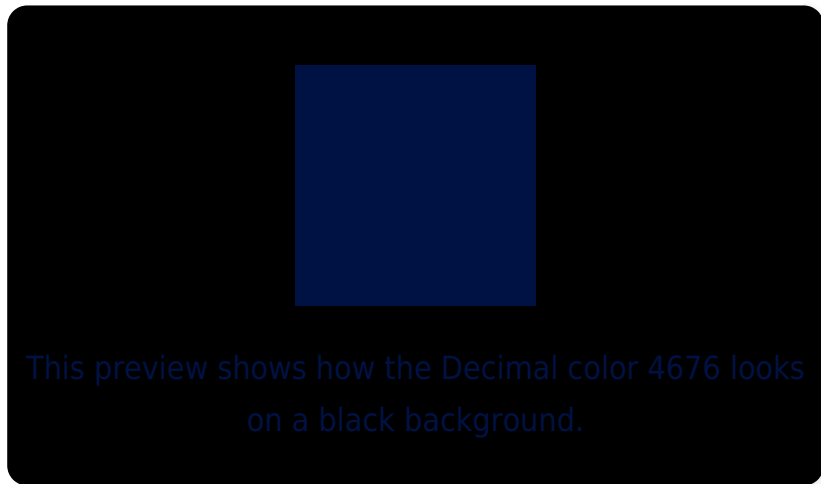
Large Text (above 18pt) WCAG AA ✓ Pass

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

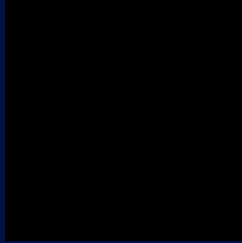
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4676 Background



This preview shows how black text looks on a background with the Decimal color 4676.



This preview shows how white text looks on a background with the Decimal color 4676.

# 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**  
4676

**Protanopia**  
6195

**Deuteranopia**  
6699



# Trichromacy



**Original Color**

4676

**Protanomaly**

5689

**Deuteranomaly**

5940

**Tritanomaly**

6187

# Monochromacy



**Original Color**

4676

**Achromatopsia**

1184274

**Achromatomaly**

725540

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4676 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 #001244 looks like.

```
.text, #text, p{  
    color:#001244  
}
```

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 #001244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001244
}
```

## Border

The CSS property to change the border of an element to Decimal 4676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

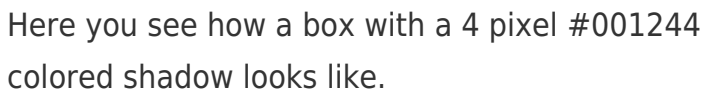
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001244 }
```

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

```
.border{ border-color:#001244 }
```

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



Here you see how a box with a 4 pixel #001244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001244; -webkit-box-shadow:4px 4px  
4px 4px #001244; box-shadow:4px 4px 4px  
4px #001244 }
```

# Background

The CSS property to change the background color of an element to Decimal 4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001244 }
```

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

```
.background{ background-color:#001244 }
```

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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