

Converting Colors

Decimal(4418)

Have a look what the booklet for
Decimal(4418) contains.

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Color

Decimal(4418)

Conversions

Conversions Part 1

Format	Color
Hex	001142
RGB	0, 17, 66
RGB Percent	0%, 7%, 26%
CMY	1.0000, 0.9333, 0.7412
CMYK	1.00, 0.74, 0.00, 0.74
HSL	225°, 100%, 13%
HSV	225°, 100%, 26%
XYZ	1.1838, 0.7942, 5.2452
YIQ	17.5030, -25.8610, 11.6350

Conversions

Conversions Part 2

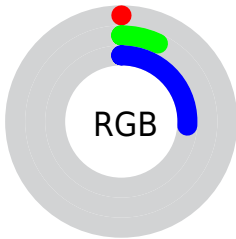
Format	Color
RYB	0, 14, 66
Decimal	4418
CIELab	7.17, 16.01, -32.82
CIELCh	7, 36.514, 296.008
Yxy	0.7942, 0.1639, 0.1100
Android (android.graphics.Color)	4278194498 (0xFF001142)
YUV	17.5030, 23.9090, -15.3501
Hunter-Lab	8.9120, 8.1147, -28.6566

Details

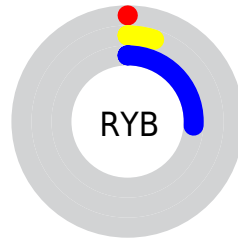
The Decimal color **4418** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4337920**, and the grayscale version is **1118481**.

A 20% lighter version of the original color is **3750515**, and **278** is the 20% darker color. If you saturate the color by 10%, you get **4418**, and if you desaturate by 10%, it is **464450**.

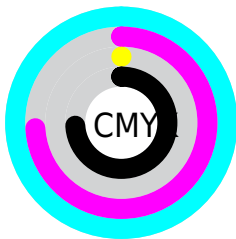
Distribution



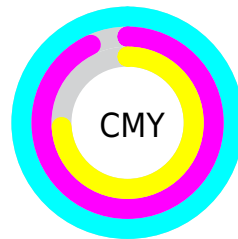
- Red (0%)
- Green (7%)
- Blue (26%)



- Red (0%)
- Yellow (5%)
- Blue (26%)



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



- Cyan (100%)
- Magenta (93%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4418 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 4418 by changing the saturation by 10% instead.



4418



4418



16183295



44



3750515



278



5394828



0



7104935



8815554



10591711



12433403



14275583



4418

■ 464450

■ 858946

■ 1318978

■ 1713474

■ 2173506

■ 2633282

■ 3027778

■ 3487810

■ 3882306

Harmonies

Analogous

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



6983



4418



3014705

Triad

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



4418



3213056



8465

Complementary

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



4418



4337920

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.



8192



4418



2102272

Square

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



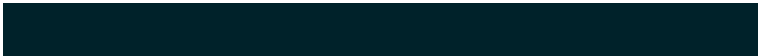
4418



3932160



7168



8746

Rectangle

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



4418



3735586



7168



8451

Sweetspot

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



4418



4014935



16944



1843243



11250603



2829099

Same Dimension

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



4418



5719



983106



1974049



6497



15072

Inverse Universe

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



4325393



5701654



3359232



2170399



6357017



14680122

Previews

White Background



This preview shows how the Decimal color 4418 looks on a white background.

Color Contrast Check

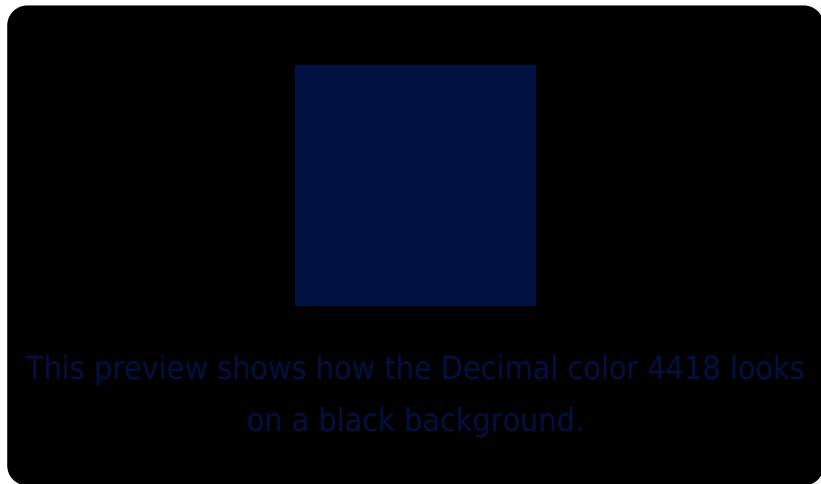
Large Text (above 18pt) WCAG AA ✓ Pass

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

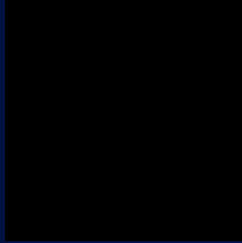
Any Text WCAG AA × Fail

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 4418 Background



This preview shows how black text looks on a background with the Decimal color 4418.



This preview shows how white text looks on a background with the Decimal color 4418.

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
4418

Protanopia
5937

Deuteranopia
6441



Tritanopia
6940

Trichromacy



Original Color
4418

Protanomaly
5431

Deuteranomaly
5682

Tritanomaly
5930

Monochromacy



Original Color
4418

Achromatopsia
1184274

Achromatomaly
725539

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4418 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 #001142 looks like.

```
.text, #text, p{  
  color:#001142  
}
```

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 #001142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001142
}
```

Border

The CSS property to change the border of an element to Decimal 4418 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".

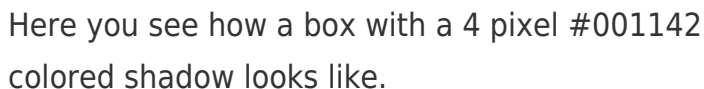
```
.border, #border, table{ border:4px solid
#001142 }
```

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

```
.border{ border-color:#001142 }
```

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

Here you see how a box with a 4 pixel #001142 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001142; -webkit-box-shadow:4px 4px  
4px 4px #001142; box-shadow:4px 4px 4px  
4px #001142 }
```

Background

The CSS property to change the background color of an element to Decimal 4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001142 }
```

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

```
.background{ background-color:#001142 }
```

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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