

Converting Colors

Hex(001571)

Have a look what the booklet for
Hex(001571) contains.

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Color

Hex(001571)

Conversions

Conversions Part 1

Format	Color
Hex	001571
RGB	0, 21, 113
RGB Percent	0%, 8%, 44%
CMY	1.0000, 0.9176, 0.5569
CMYK	1.00, 0.81, 0.00, 0.56
HSL	229°, 100%, 22%
HSV	229°, 100%, 44%
XYZ	3.2488, 1.7286, 15.7852
YIQ	25.2090, -42.0480, 24.1600

Conversions

Conversions Part 2

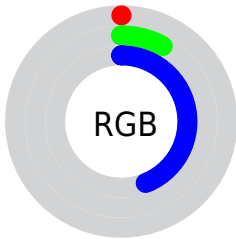
Format	Color
RYB	0, 18, 113
Decimal	5489
CIELab	13.99, 32.99, -53.35
CIELCh	14, 62.727, 301.727
Yxy	1.7286, 0.1565, 0.0833
Android (android.graphics.Color)	4278195569 (0xFF001571)
YUV	25.2090, 43.2810, -22.1083
Hunter-Lab	13.1476, 21.0996, -61.9813

Details

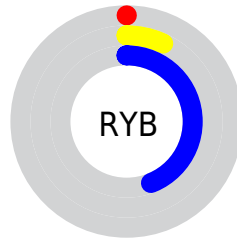
The Hex color **001571** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **715C00**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4B41A6**, and **000140** is the 20% darker color. If you saturate the color by 10%, you get **001571**, and if you desaturate by 10%, it is **0B1E71**.

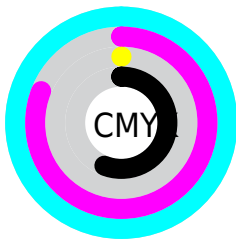
Distribution



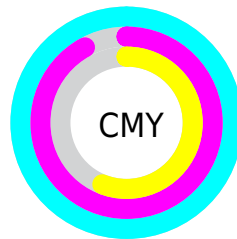
- Red (0%)
- Green (8%)
- Blue (44%)



- Red (0%)
- Yellow (7%)
- Blue (44%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (92%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001571 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 Hex color 001571 by changing the saturation by 10% instead.

001571

001571

FFF9FF

000058

4B41A6

000140

6758C2

000329

8371DE

000113

A08BFB

000000

BCA5FF

D9C1FF

F7Ddff

001571

■ 0B1E71

■ 172771

■ 223171

■ 2D3A71

■ 394371

■ 444C71

■ 4F5571

■ 5A5F71

■ 666871

Harmonies

Analogous

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



002B7F



001571



55004E

Triad

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



001571



4C0900



003325

Complementary

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



001571



715C00

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.



003100



001571



2B2300

Square

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



001571



630000



002D00



003452

Rectangle

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



001571



650032



002D00



003315

Sweetspot

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



001571



687094



00715A



2F344A



C9C9C9



4A4A4A

Same Dimension

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



001571



001B94



220071



323438



001678



002EF7

Inverse Universe

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



710015



94001B



4F7100



383234



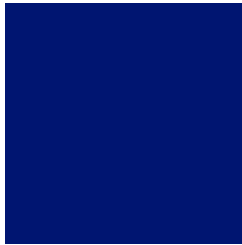
780016



F7002E

Previews

White Background



This preview shows how the Hex color 001571 looks on a white background.

Color Contrast Check

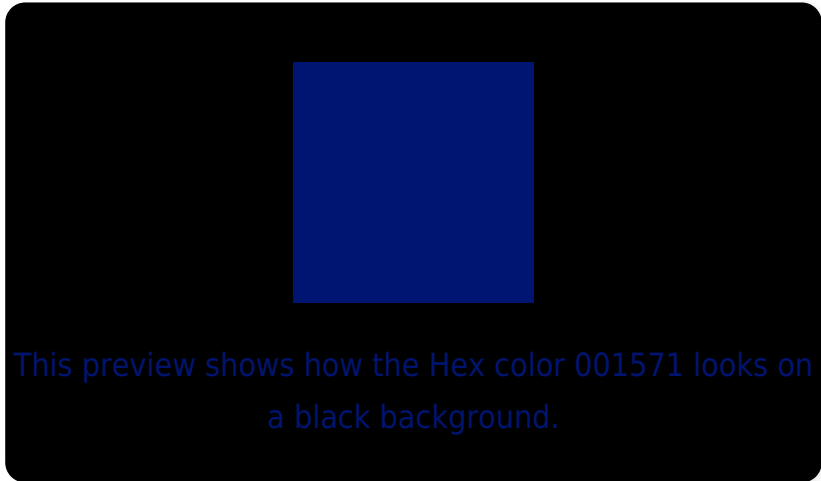
Large Text (above 18pt) WCAG AA ✓ Pass

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

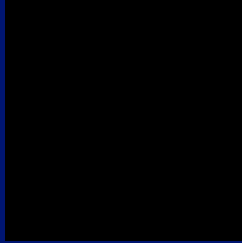
Any Text WCAG AA × Fail

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](#).

Hex 001571 Background



This preview shows how black text looks on a background with the Hex color 001571.



This preview shows how white text looks on a background with the Hex color 001571.

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
001571

Protanopia
00244C

Deuteranopia
002741

Trichromacy



Original Color
001571

Protanomaly
001F59

Deuteranomaly
002052

Tritanomaly
002245

Monochromacy



Original Color
001571

Achromatopsia
191919

Achromatomaly
101839

CSS Examples

Text

The CSS property to change the color of the text to Hex 001571 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 #001571 looks like.

```
.text, #text, p{  
    color:#001571  
}
```

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 #001571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001571
}
```

Border

The CSS property to change the border of an element to Hex 001571 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
#001571 }
```

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

```
.border{ border-color:#001571 }
```

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

Here you see how a box with a 4 pixel #001571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001571; -webkit-box-shadow:4px 4px  
4px 4px #001571; box-shadow:4px 4px 4px  
4px #001571 }
```

Background

The CSS property to change the background color of an element to Hex 001571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001571 }
```

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

```
.background{ background-color:#001571 }
```

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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