

Converting Colors

Hex(001972)

Have a look what the booklet for
Hex(001972) contains.

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Color

Hex(001972)

Conversions

Conversions Part 1

Format	Color
Hex	001972
RGB	0, 25, 114
RGB Percent	0%, 10%, 45%
CMY	1.0000, 0.9020, 0.5529
CMYK	1.00, 0.78, 0.00, 0.55
HSL	227°, 100%, 22%
HSV	227°, 100%, 45%
XYZ	3.3849, 1.9102, 16.1099
YIQ	27.6710, -43.4690, 22.3790

Conversions

Conversions Part 2

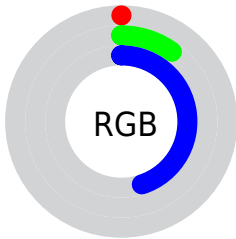
Format	Color
RYB	0, 21, 114
Decimal	6514
CIELab	15.01, 30.84, -52.32
CIELCh	15, 60.734, 300.522
Yxy	1.9102, 0.1581, 0.0892
Android (android.graphics.Color)	4278196594 (0xFF001972)
YUV	27.6710, 42.5602, -24.2675
Hunter-Lab	13.8209, 19.5302, -59.4350

Details

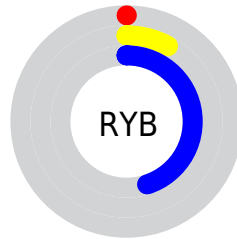
The Hex color **001972** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **725900**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4B45A7**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **001972**, and if you desaturate by 10%, it is **0B2272**.

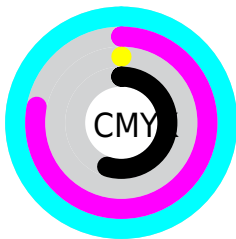
Distribution



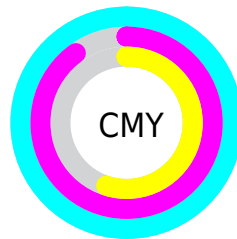
- Red (0%)
- Green (10%)
- Blue (45%)



- Red (0%)
- Yellow (8%)
- Blue (45%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (90%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001972 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 001972 by changing the saturation by 10% instead.

■ 001972

■ 001972

FFFEFF

■ 000459

■ 4B45A7

■ 000041

■ 675CC3

■ 00032A

■ 8375DF

■ 000114

■ 9F8FFC

■ 000000

■ BCAAFF

■ D9C5FF

■ F7E1FF

■ 001972

■ 0B2272

■ 172B72

■ 223472

■ 2E3D72

■ 394672

■ 444E72

■ 505772

■ 5B6072

■ 676972

Harmonies

Analogous

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



002D7F



001972



550051

Triad

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



001972



4F0C00



003525

Complementary

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



001972



725900

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.



003300



001972



2F2500

Square

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



001972



650000



002E00



003651

Rectangle

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



001972



660035



002E00



003516

Sweetspot

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



001972



687194



007257



2F354A



C9C9C9



4A4A4A

Same Dimension

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



001972



002094



1E0072



323438



001A78



0036F7

Inverse Universe

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



720019



940020



547200



383234



78001A



F70036

Previews

White Background



This preview shows how the Hex color 001972 looks on a white background.

Color Contrast Check

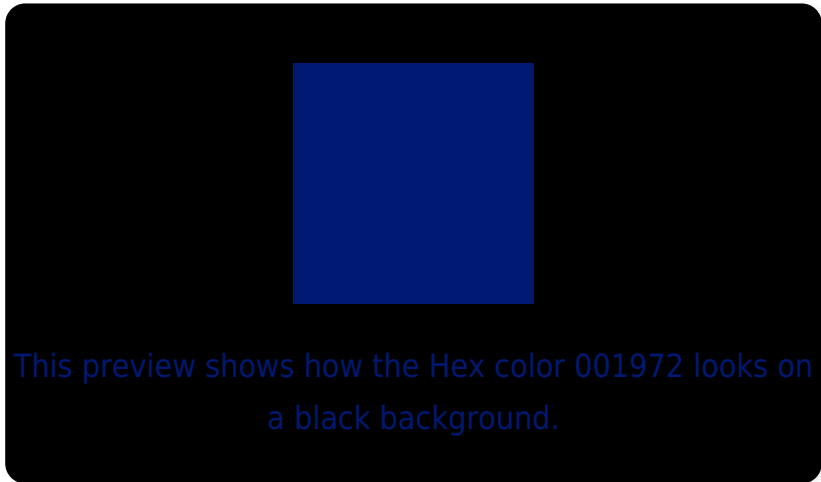
Large Text (above 18pt) WCAG AA ✓ Pass

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

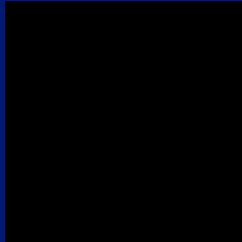
Any Text WCAG AA × Fail

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 001972 Background



This preview shows how black text looks on a background with the Hex color 001972.



This preview shows how white text looks on a background with the Hex color 001972.

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
001972

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color
001972

Protanomaly
00215C

Deuteranomaly
002355

Tritanomaly
002547

Monochromacy



Original Color
001972

Achromatopsia
1C1C1C

Achromatomaly
121B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 001972 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 #001972 looks like.

```
.text, #text, p{  
    color:#001972  
}
```

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 #001972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001972
}
```

Border

The CSS property to change the border of an element to Hex 001972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

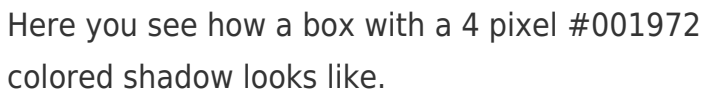
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001972 }
```

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

```
.border{ border-color:#001972 }
```

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



Here you see how a box with a 4 pixel #001972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001972; -webkit-box-shadow:4px 4px  
4px 4px #001972; box-shadow:4px 4px 4px  
4px #001972 }
```

Background

The CSS property to change the background color of an element to Hex 001972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001972 }
```

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

```
.background{ background-color:#001972 }
```

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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