

Converting Colors

Hex(001962)

Have a look what the booklet for
Hex(001962) contains.

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Color

Hex(001962)

Conversions

Conversions Part 1

Format	Color
Hex	001962
RGB	0, 25, 98
RGB Percent	0%, 10%, 38%
CMY	1.0000, 0.9020, 0.6157
CMYK	1.00, 0.74, 0.00, 0.62
HSL	225°, 100%, 19%
HSV	225°, 100%, 38%
XYZ	2.5522, 1.5771, 11.7252
YIQ	25.8470, -38.3330, 17.4030

Conversions

Conversions Part 2

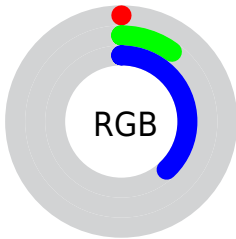
Format	Color
RYB	0, 20, 98
Decimal	6498
CIELab	13.09, 24.34, -45.00
CIELCh	13, 51.157, 298.408
Yxy	1.5771, 0.1610, 0.0995
Android (android.graphics.Color)	4278196578 (0xFF001962)
YUV	25.8470, 35.5714, -22.6678
Hunter-Lab	12.5583, 14.2998, -46.5659

Details

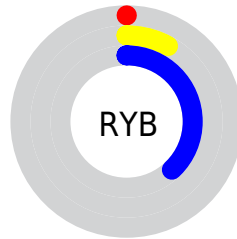
The Hex color **001962** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **624900**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **454496**, and **000432** is the 20% darker color. If you saturate the color by 10%, you get **001962**, and if you desaturate by 10%, it is **0A2062**.

Distribution



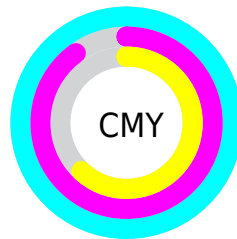
- Red (0%)
- Green (10%)
- Blue (38%)



- Red (0%)
- Yellow (8%)
- Blue (38%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (90%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001962 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 001962 by changing the saturation by 10% instead.

001962

001962

FFFCFF

00014A

454496

000432

605BB1

00021C

7B74CC

000000

978EE9

B3A8FF

CFC3FF

ECDFFF

001962

■ 0A2062

■ 142862

■ 1D2F62

■ 273662

■ 313E62

■ 3B4562

■ 454C62

■ 4E5362

■ 585B62

Harmonies

Analogous

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



00286B



001962



470048

Triad

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



001962



470C00



002F1F

Complementary

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



001962



624900

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.



002D00



001962



2D2000

Square

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



001962



580000



042900



003043

Rectangle

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



001962



560031



042900



002F12

Sweetspot

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



001962



596380



006248



292F40



BFBFBF



404040

Same Dimension

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



001962



002180



170062



2C2D30



001D70



003DF0

Inverse Universe

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



620019



800021



4B6200



302C2D



70001D



F0003D

Previews

White Background



This preview shows how the Hex color 001962 looks on a white background.

Color Contrast Check

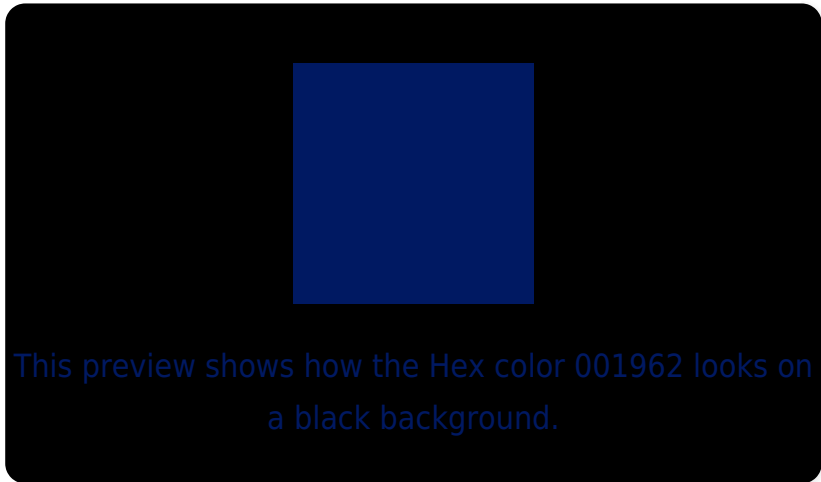
Large Text (above 18pt) WCAG AA ✓ Pass

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

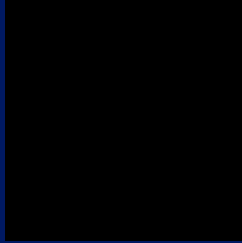
Any Text WCAG AA × Fail

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 001962 Background



This preview shows how black text looks on a background with the Hex color 001962.



This preview shows how white text looks on a background with the Hex color 001962.

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
001962

Deuteranopia
00253D

Tritanopia
002729

Trichromacy



Original Color
001962

Deuteranomaly
00214A

Tritanomaly
00223E

Monochromacy



Original Color
001962

Achromatopsia
1A1A1A

Achromatomaly
111A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 001962 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 #001962 looks like.

```
.text, #text, p{  
    color:#001962  
}
```

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 #001962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001962
}
```

Border

The CSS property to change the border of an element to Hex 001962 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
#001962 }
```

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

```
.border{ border-color:#001962 }
```

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

Here you see how a box with a 4 pixel #001962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001962; -webkit-box-shadow:4px 4px  
4px 4px #001962; box-shadow:4px 4px 4px  
4px #001962 }
```

Background

The CSS property to change the background color of an element to Hex 001962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001962 }
```

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

```
.background{ background-color:#001962 }
```

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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