

Converting Colors

Hex(002A62)

Have a look what the booklet for
Hex(002A62) contains.

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Color

Hex(002A62)

Conversions

Conversions Part 1

Format	Color
Hex	002A62
RGB	0, 42, 98
RGB Percent	0%, 16%, 38%
CMY	1.0000, 0.8353, 0.6157
CMYK	1.00, 0.57, 0.00, 0.62
HSL	214°, 100%, 19%
HSV	214°, 100%, 38%
XYZ	3.0326, 2.5378, 11.8853
YIQ	35.8260, -43.0080, 8.5120

Conversions

Conversions Part 2

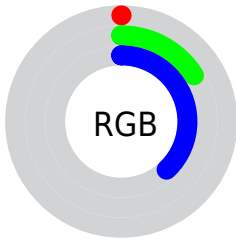
Format	Color
RYB	0, 29, 98
Decimal	10850
CIELab	18.09, 11.65, -36.81
CIELCh	18, 38.609, 287.564
Yxy	2.5378, 0.1737, 0.1454
Android (android.graphics.Color)	4278200930 (0xFF002A62)
YUV	35.8260, 30.6518, -31.4194
Hunter-Lab	15.9304, 6.1018, -33.0836

Details

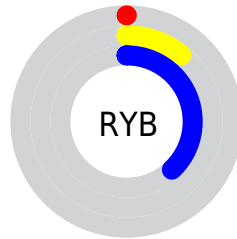
The Hex color **002A62** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **623800**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **435795**, and **000233** is the 20% darker color. If you saturate the color by 10%, you get **002A62**, and if you desaturate by 10%, it is **0A3062**.

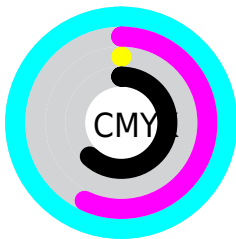
Distribution



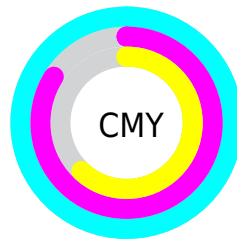
- Red (0%)
- Green (16%)
- Blue (38%)



- Red (0%)
- Yellow (11%)
- Blue (38%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (84%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A62 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 002A62 by changing the saturation by 10% instead.

■ 002A62

■ 002A62

FFFFFF

■ 00164A

■ 435795

■ 000233

■ 5E6FB0

■ 00021D

■ 7988CC

■ 000000

■ 94A2E8

■ B0BDFF

■ CCD9FF

■ E9F5FF

■ 002A62

■ 0A3062

■ 143562

■ 1D3B62

■ 274062

■ 314662

■ 3B4C62

■ 455162

■ 4E5762

■ 585C62

Harmonies

Analogous

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



003363



002A62



411B52

Triad

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



002A62



541900



00371F

Complementary

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



002A62



623800

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.



003500



002A62



412700

Square

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



002A62



5C081D



293000



00383C

Rectangle

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



002A62



521042



293000



003715

Sweetspot

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



002A62



596A80



006238



293340



BFBFBF



404040

Same Dimension

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



002A62



003780



070062



2C2E30



003070



0067F0

Inverse Universe

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



62002A



800037



5B6200



302C2E



700030



F00067

Previews

White Background



This preview shows how the Hex color 002A62 looks on a white background.

Color Contrast Check

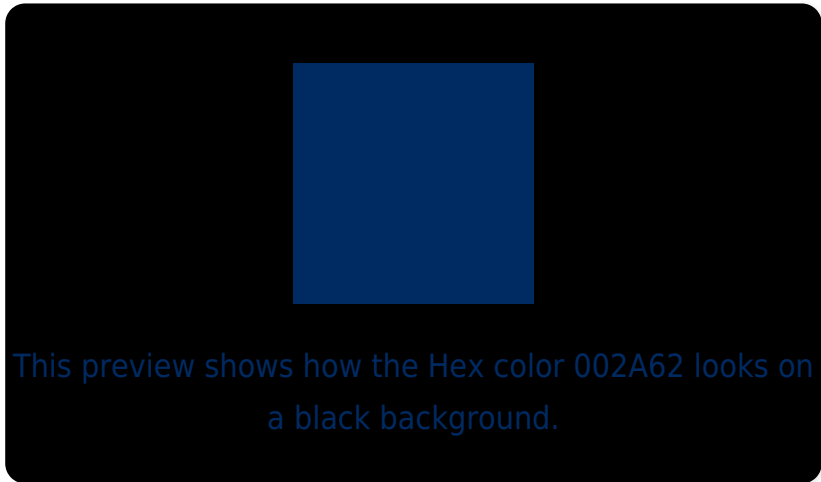
Large Text (above 18pt) WCAG AA ✓ Pass

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

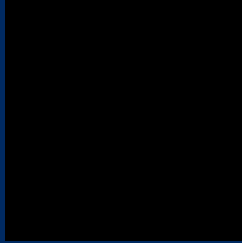
Any Text WCAG AA × Fail

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 002A62 Background



This preview shows how black text looks on a background with the Hex color 002A62.



This preview shows how white text looks on a background with the Hex color 002A62.

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

002A62

Protanopia

002B5C

Deuteranopia

002E4F

Trichromacy



Original Color

002A62

Protanomaly

002B5E

Deuteranomaly

002D56

Tritanomaly

002F45

Monochromacy



Original Color

002A62

Achromatopsia

242424

Achromatomaly

17263B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A62 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 #002A62 looks like.

```
.text, #text, p{  
    color:#002A62  
}
```

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 #002A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A62
}
```

Border

The CSS property to change the border of an element to Hex 002A62 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
#002A62 }
```

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

```
.border{ border-color:#002A62 }
```

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

Here you see how a box with a 4 pixel #002A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A62; -webkit-box-shadow:4px 4px  
4px 4px #002A62; box-shadow:4px 4px 4px  
4px #002A62 }
```

Background

The CSS property to change the background color of an element to Hex 002A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A62 }
```

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

```
.background{ background-color:#002A62 }
```

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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