

Converting Colors

Hex(002862)

Have a look what the booklet for
Hex(002862) contains.

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Color

Hex(002862)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 002862 |
| RGB | 0, 40, 98 |
| RGB Percent | 0%, 16%, 38% |
| CMY | 1.0000, 0.8431, 0.6157 |
| CMYK | 1.00, 0.59, 0.00, 0.62 |
| HSL | 216°, 100%, 19% |
| HSV | 216°, 100%, 38% |
| XYZ | 2.9634, 2.3994, 11.8622 |
| YIQ | 34.6520, -42.4580, 9.5580 |

Conversions

Conversions Part 2

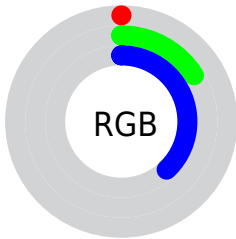
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 0, 28, 98 |
| Decimal | 10338 |
| CIE _{Lab} | 17.46, 13.16, -37.84 |
| CIE _{LCh} | 17, 40.058, 289.173 |
| Yxy | 2.3994, 0.1720, 0.1393 |
| Android (android.graphics.Color) | 4278200418 (0xFF002862) |
| YUV | 34.6520, 31.2306, -30.3898 |
| Hunter-Lab | 15.4901, 7.0411, -34.5609 |

Details

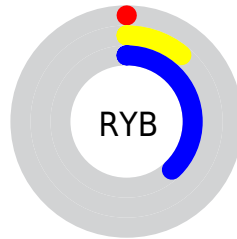
The Hex color **002862** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **623A00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **435495**, and **000333** is the 20% darker color. If you saturate the color by 10%, you get **002862**, and if you desaturate by 10%, it is **0A2E62**.

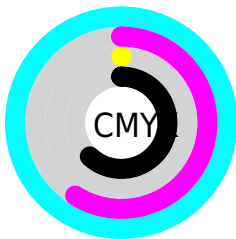
Distribution



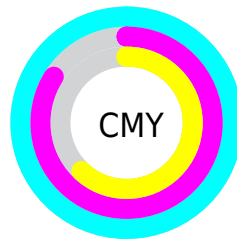
- Red (0%)
- Green (16%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 002862 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 002862 by changing the saturation by 10% instead.

■ 002862

■ 002862

FFFFFF

■ 00144A

■ 435495

■ 000333

■ 5E6DB0

■ 00021D

■ 7986CC

■ 000000

■ 94A0E8

■ B0BBFF

■ CDD6FF

■ EAF3FF

■ 002862

■ 0A2E62

■ 143462

■ 1D3962

■ 273F62

■ 314562

■ 3B4B62

■ 455162

■ 4E5662

■ 585C62

Harmonies

Analogous

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



003264



002862



421851

Triad

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



002862



521700



00361F

Complementary

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



002862



623A00

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.



003400



002862



3F2600

Square

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



002862



5B031A



252F00



00373D

Rectangle

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



002862



530A40



252F00



003615

Sweetspot

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



002862



596980



006239



293240



BFBFBF



404040

Same Dimension

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



002862



003480



080062



2C2E30



002E70



0062F0

Inverse Universe

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



620028



800034



5A6200



302C2E



70002E



F00062

Previews

White Background



This preview shows how the Hex color 002862 looks on a white background.

Color Contrast Check

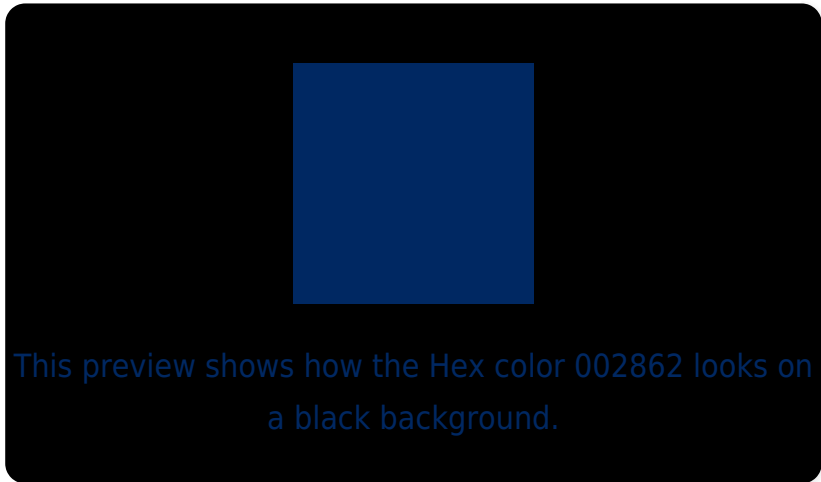
Large Text (above 18pt) WCAG AA ✓ Pass

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

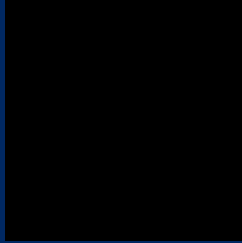
Any Text WCAG AA × Fail

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 002862 Background



This preview shows how black text looks on a background with the Hex color 002862.



This preview shows how white text looks on a background with the Hex color 002862.

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
002862

Protanopia
002A5A

Deuteranopia
002D4D

Trichromacy



Original Color
002862

Protanomaly
00295D

Deuteranomaly
002B55

Tritanomaly
002E45

Monochromacy



Original Color
002862

Achromatopsia
232323

Achromatomaly
16253A

CSS Examples

Text

The CSS property to change the color of the text to Hex 002862 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 #002862 looks like.

```
.text, #text, p{  
    color:#002862  
}
```

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 #002862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002862
}
```

Border

The CSS property to change the border of an element to Hex 002862 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
#002862 }
```

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

```
.border{ border-color:#002862 }
```

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

Here you see how a box with a 4 pixel #002862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002862; -webkit-box-shadow:4px 4px  
4px 4px #002862; box-shadow:4px 4px 4px  
4px #002862 }
```

Background

The CSS property to change the background color of an element to Hex 002862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002862 }
```

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

```
.background{ background-color:#002862 }
```

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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