

Converting Colors

Hex(002858)

Have a look what the booklet for
Hex(002858) contains.

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Color

Hex(002858)

Conversions

Conversions Part 1

Format	Color
Hex	002858
RGB	0, 40, 88
RGB Percent	0%, 16%, 35%
CMY	1.0000, 0.8431, 0.6549
CMYK	1.00, 0.55, 0.00, 0.65
HSL	213°, 100%, 17%
HSV	213°, 100%, 35%
XYZ	2.5202, 2.2222, 9.5286
YIQ	33.5120, -39.2480, 6.4480

Conversions

Conversions Part 2

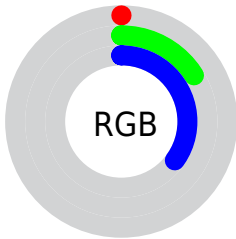
Format	Color
R_{YB}	0, 28, 88
Decimal	10328
CIE _{Lab}	16.61, 8.53, -32.57
CIE _{LCh}	17, 33.664, 284.673
Yxy	2.2222, 0.1766, 0.1557
Android (android.graphics.Color)	4278200408 (0xFF002858)
YUV	33.5120, 26.8626, -29.3900
Hunter-Lab	14.9069, 4.0910, -27.4637

Details

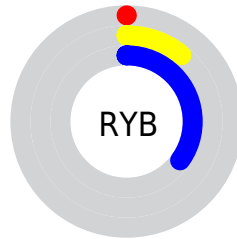
The Hex color **002858** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **583000**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3F548A**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **002858**, and if you desaturate by 10%, it is **092D58**.

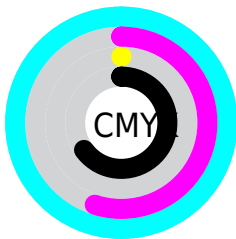
Distribution



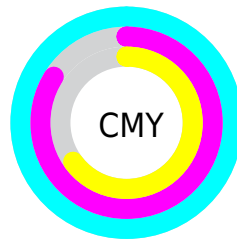
- Red (0%)
- Green (16%)
- Blue (35%)



- Red (0%)
- Yellow (11%)
- Blue (35%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002858 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 002858 by changing the saturation by 10% instead.

■ 002858

■ 002858

FFFFFF

■ 001440

■ 3F548A

■ 00032A

■ 5A6DA5

■ 000114

■ 7486C0

■ 000000

■ 8FA0DC

■ ABBBF9

■ C7D6FF

■ E3F3FF

■ 002858

■ 092D58

■ 123258

■ 1A3658

■ 233B58

■ 2C4058

■ 354558

■ 3E4A58

■ 464E58

■ 4F5358

Harmonies

Analogous

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



002F58



002858



381D4C

Triad

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



002858



4D1803



00331B

Complementary

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



002858



583000

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.



0C3000



002858



3E2300

Square

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



002858



530D1E



292C00



003435

Rectangle

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



002858



48143E



292C00



003213

Sweetspot

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



002858



506073



00582F



262F3B



BABABA



3B3B3B

Same Dimension

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



002858



003473



030058



27292B



00316B



006BEB

Inverse Universe

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



580028



730034



555800



2B2729



6B0031



EB006B

Previews

White Background



This preview shows how the Hex color 002858 looks on a white background.

Color Contrast Check

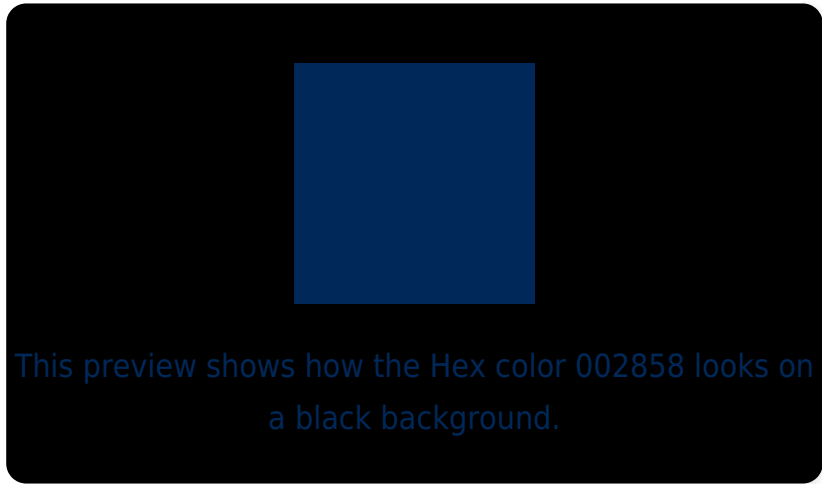
Large Text (above 18pt) WCAG AA ✓ Pass

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 002858 Background



This preview shows how black text looks on a background with the Hex color 002858.



This preview shows how white text looks on a background with the Hex color 002858.

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
002858

Protanopia
002856

Deuteranopia
002B4A



Tritanopia
002F32

Trichromacy



Original Color
002858

Protanomaly
002857

Deuteranomaly
002A4F

Tritanomaly
002C40

Monochromacy



Original Color
002858

Achromatopsia
222222

Achromatomaly
162436

CSS Examples

Text

The CSS property to change the color of the text to Hex 002858 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 #002858 looks like.

```
.text, #text, p{  
    color:#002858  
}
```

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 #002858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002858
}
```

Border

The CSS property to change the border of an element to Hex 002858 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
#002858 }
```

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

```
.border{ border-color:#002858 }
```

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

Here you see how a box with a 4 pixel #002858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002858; -webkit-box-shadow:4px 4px  
4px 4px #002858; box-shadow:4px 4px 4px  
4px #002858 }
```

Background

The CSS property to change the background color of an element to Hex 002858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002858 }
```

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

```
.background{ background-color:#002858 }
```

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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