

Converting Colors

Hex(004282)

Have a look what the booklet for
Hex(004282) contains.

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Color

Hex(004282)

Conversions

Conversions Part 1

Format	Color
Hex	004282
RGB	0, 66, 130
RGB Percent	0%, 26%, 51%
CMY	1.0000, 0.7412, 0.4902
CMYK	1.00, 0.49, 0.00, 0.49
HSL	210°, 100%, 25%
HSV	210°, 100%, 51%
XYZ	5.9775, 5.5081, 21.8672
YIQ	53.5620, -59.8800, 5.9120

Conversions

Conversions Part 2

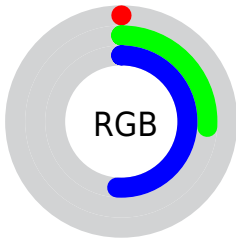
Format	Color
RYB	0, 44, 130
Decimal	17026
CIELab	28.14, 8.60, -41.03
CIELCh	28, 41.917, 281.833
Yxy	5.5081, 0.1792, 0.1651
Android (android.graphics.Color)	4278207106 (0xFF004282)
YUV	53.5620, 37.6839, -46.9739
Hunter-Lab	23.4694, 4.3911, -38.8138

Details

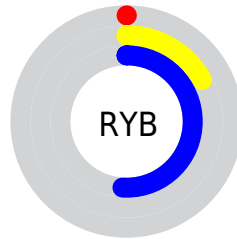
The Hex color **004282** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **824000**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4D71B8**, and **001950** is the 20% darker color. If you saturate the color by 10%, you get **004282**, and if you desaturate by 10%, it is **0D4882**.

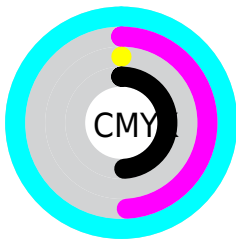
Distribution



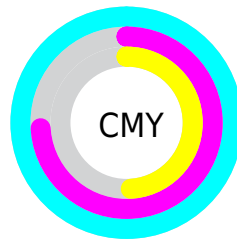
- Red (0%)
- Green (26%)
- Blue (51%)



- Red (0%)
- Yellow (17%)
- Blue (51%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (74%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004282 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 004282 by changing the saturation by 10% instead.

■ 004282

■ 004282

FFFFFF

■ 002C68

■ 4D71B8

■ 001950

■ 6A8BD3

■ 000539

■ 86A5F0

■ 000222

■ A2C0FF

■ 000008

■ BFDCFF

■ 000000

■ DCF8FF

■ F9FFFF

■ 004282

■ 0D4882

■ 1A4F82

■ 275582

■ 345C82

■ 416282

■ 4E6882

■ 5B6F82

■ 687582

■ 757C82

Harmonies

Analogous

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



004B80



004282



533473

Triad

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



004282



742B18



00502D

Complementary

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



004282



824000

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.



204C0C



004282



613A00

Square

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



004282



7B1F37



464500



00514F

Rectangle

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



004282



6A2961



464500



004F22

Sweetspot

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



004282



768FA8



00823F



364554



D4D4D4



545454

Same Dimension

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



004282



0055A8



000282



393D40



004180



000000

Inverse Universe

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



820042



A80055



828000



40393D



800041



000000

Previews

White Background



This preview shows how the Hex color 004282 looks on a white background.

Color Contrast Check

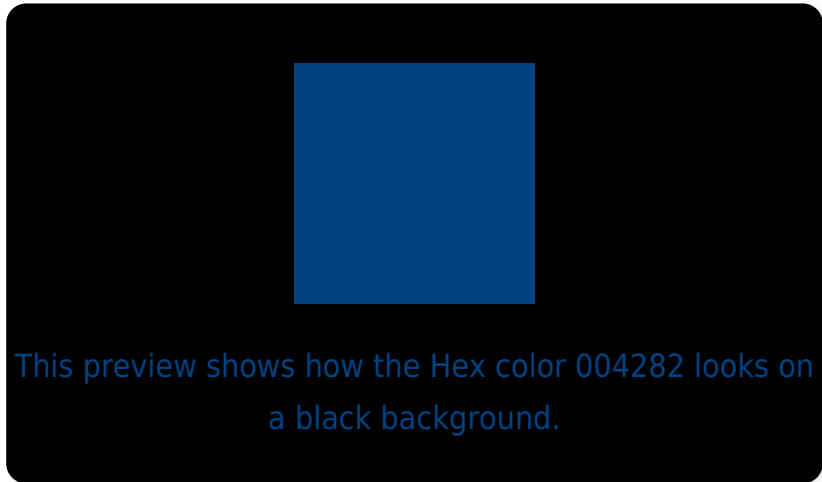
Large Text (above 18pt) WCAG AA ✓ Pass

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

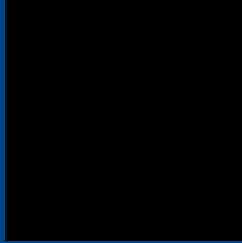
Any Text WCAG AA × Fail

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 004282 Background



This preview shows how black text looks on a background with the Hex color 004282.



This preview shows how white text looks on a background with the Hex color 004282.

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





Tritanopia
004A4F

Trichromacy



Original Color
004282

Protanomaly
134181

Deuteranomaly
00437B

Tritanomaly
004762

Monochromacy



Original Color
004282

Achromatopsia
363636

Achromatomaly
223A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 004282 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 #004282 looks like.

```
.text, #text, p{  
    color:#004282  
}
```

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 #004282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004282
}
```

Border

The CSS property to change the border of an element to Hex 004282 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
#004282 }
```

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

```
.border{ border-color:#004282 }
```

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

Here you see how a box with a 4 pixel #004282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004282; -webkit-box-shadow:4px 4px  
4px 4px #004282; box-shadow:4px 4px 4px  
4px #004282 }
```

Background

The CSS property to change the background color of an element to Hex 004282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004282 }
```

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

```
.background{ background-color:#004282 }
```

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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