

Converting Colors

Hex(004583)

Have a look what the booklet for
Hex(004583) contains.

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Color

Hex(004583)

Conversions

Conversions Part 1

Format	Color
Hex	004583
RGB	0, 69, 131
RGB Percent	0%, 27%, 51%
CMY	1.0000, 0.7294, 0.4863
CMYK	1.00, 0.47, 0.00, 0.49
HSL	208°, 100%, 26%
HSV	208°, 100%, 51%
XYZ	6.2249, 5.8949, 22.2825
YIQ	55.4370, -61.0260, 4.6540

Conversions

Conversions Part 2

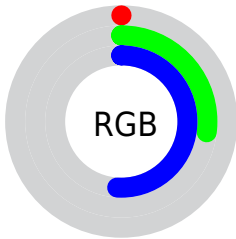
Format	Color
RYB	0, 45, 131
Decimal	17795
CIELab	29.15, 6.95, -40.02
CIELCh	29, 40.621, 279.849
Yxy	5.8949, 0.1809, 0.1714
Android (android.graphics.Color)	4278207875 (0xFF004583)
YUV	55.4370, 37.2526, -48.6182
Hunter-Lab	24.2795, 3.2753, -37.4177

Details

The Hex color **004583** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **833E00**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4D75B9**, and **001B51** is the 20% darker color. If you saturate the color by 10%, you get **004583**, and if you desaturate by 10%, it is **0D4B83**.

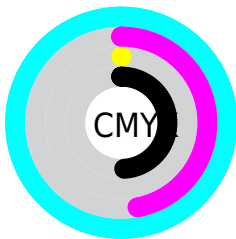
Distribution



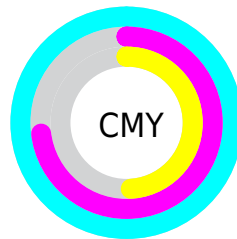
- Red (0%)
- Green (27%)
- Blue (51%)



- Red (0%)
- Yellow (18%)
- Blue (51%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004583 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 004583 by changing the saturation by 10% instead.

■ 004583

■ 004583

FFFFFF

■ 002F69

■ 4D75B9

■ 001B51

■ 6A8ED4

■ 00033A

■ 86A8F1

■ 000223

■ A2C3FF

■ 00000A

■ BFDFFF

■ 000000

■ DCFCFF

■ FAFFFF

■ 004583

■ 0D4B83

■ 1A5183

■ 275883

■ 345E83

■ 426483

■ 4F6A83

■ 5C7083

■ 697783

■ 767D83

Harmonies

Analogous

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



004E80



004583



533775

Triad

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



004583



772D1E



00522E

Complementary

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



004583



833E00

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.



274E0F



004583



653B03

Square

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



004583



7D243C



4A4700



00534F

Rectangle

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



004583



6A2D65



4A4700



005123

Sweetspot

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



004583



7893AB



00833D



374857



D6D6D6



575757

Same Dimension

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



004583



005AAB



000483



3C3F42



004482



000103

Inverse Universe

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



830045



AB005A



837F00



423C3F



820044



030001

Previews

White Background



This preview shows how the Hex color 004583 looks on a white background.

Color Contrast Check

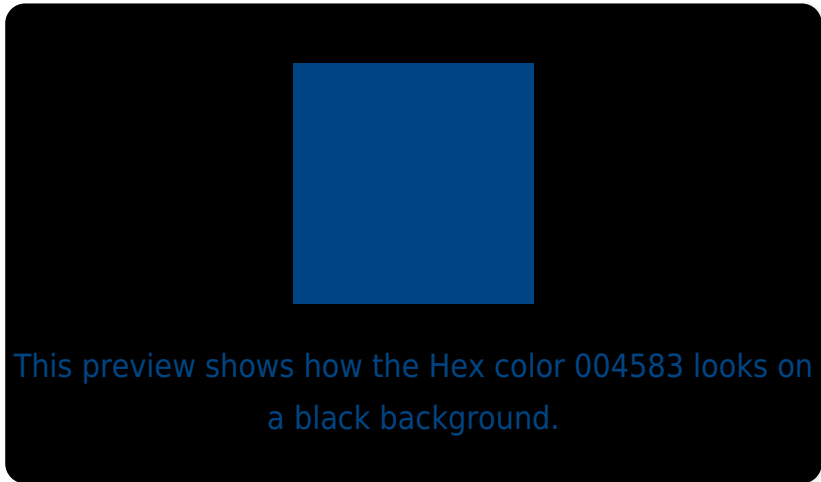
Large Text (above 18pt) WCAG AA ✓ Pass

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 004583 Background



This preview shows how black text looks on a background with the Hex color 004583.



This preview shows how white text looks on a background with the Hex color 004583.

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
004583

Protanopia
244381

Deuteranopia
00477C

Trichromacy



Original Color
004583

Protanomaly
174482

Deuteranomaly
00467F

Tritanomaly
004A64

Monochromacy



Original Color
004583

Achromatopsia
373737

Achromatomaly
233C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 004583 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 #004583 looks like.

```
.text, #text, p{  
    color:#004583  
}
```

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 #004583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004583
}
```

Border

The CSS property to change the border of an element to Hex 004583 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
#004583 }
```

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

```
.border{ border-color:#004583 }
```

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

Here you see how a box with a 4 pixel #004583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004583; -webkit-box-shadow:4px 4px  
4px 4px #004583; box-shadow:4px 4px 4px  
4px #004583 }
```

Background

The CSS property to change the background color of an element to Hex 004583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004583 }
```

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

```
.background{ background-color:#004583 }
```

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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