

Converting Colors

Hex(005981)

Have a look what the booklet for
Hex(005981) contains.

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Color

Hex(005981)

Conversions

Conversions Part 1

Format	Color
Hex	005981
RGB	0, 89, 129
RGB Percent	0%, 35%, 51%
CMY	1.0000, 0.6510, 0.4941
CMYK	1.00, 0.31, 0.00, 0.49
HSL	199°, 100%, 25%
HSV	199°, 100%, 51%
XYZ	7.5348, 8.7297, 22.0568
YIQ	66.9490, -65.8840, -6.4280

Conversions

Conversions Part 2

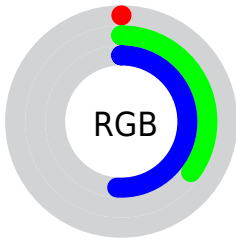
Format	Color
RYB	0, 53, 129
Decimal	22913
CIELab	35.46, -7.01, -28.74
CIELCh	35, 29.582, 256.284
Yxy	8.7297, 0.1966, 0.2278
Android (android.graphics.Color)	4278212993 (0xFF005981)
YUV	66.9490, 30.5911, -58.7143
Hunter-Lab	29.5461, -6.1848, -23.5788

Details

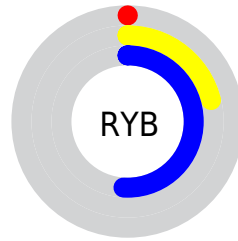
The Hex color **005981** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **812800**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4D8BB6**, and **002C4F** is the 20% darker color. If you saturate the color by 10%, you get **005981**, and if you desaturate by 10%, it is **0D5D81**.

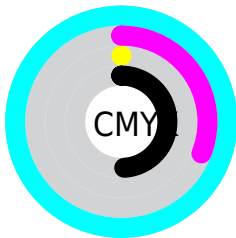
Distribution



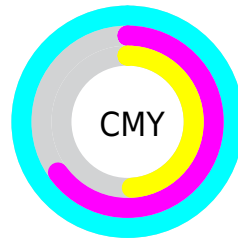
- Red (0%)
- Green (35%)
- Blue (51%)



- Red (0%)
- Yellow (21%)
- Blue (51%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005981 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 005981 by changing the saturation by 10% instead.

005981

005981

FFFFFF

004268

4D8BB6

002C4F

6AA5D2

001838

86C0EE

000223

A2DCFF

000009

BFF9FF

000000

DCFFFF

F9FFFF

005981

■ 0D5D81

■ 1A6181

■ 276581

■ 346981

■ 416D81

■ 4D7181

■ 5A7581

■ 677981

■ 747D81

Harmonies

Analogous

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



005E75



005981



445181

Triad

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



005981



804047



3A5C32

Complementary

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



005981



812800

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.



555624



005981



7A4632

Square

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



005981



7A415F



6B4E25



125F47

Rectangle

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



005981



5C4B7A



6B4E25



445A2C

Sweetspot

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



005981



7699A8



008127



364B54



D4D4D4



545454

Same Dimension

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



005981



0074A8



001A81



393E40



005880



000000

Inverse Universe

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



810059



A80074



816700



40393E



800058



000000

Previews

White Background



This preview shows how the Hex color 005981 looks on a white background.

Color Contrast Check

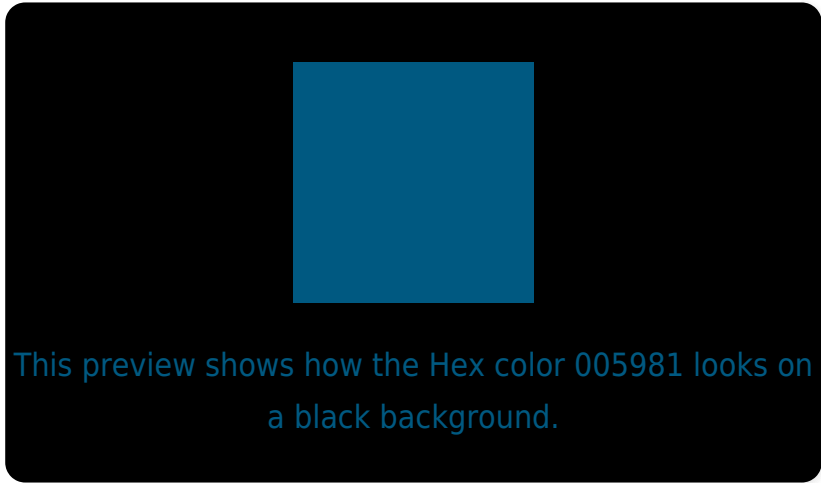
Large Text (above 18pt) WCAG AA ✓ Pass

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

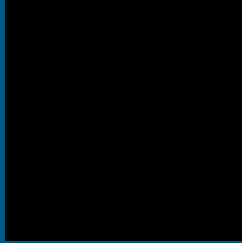
Any Text WCAG AA × Fail

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 005981 Background



This preview shows how black text looks on a background with the Hex color 005981.



This preview shows how white text looks on a background with the Hex color 005981.

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
005981

Protanopia
46527B

Deuteranopia
3B5382



Tritanopia
005D64

Trichromacy



Original Color
005981

Protanomaly
2D557D

Deuteranomaly
265582

Tritanomaly
005C6F

Monochromacy



Original Color
005981

Achromatopsia
434343

Achromatomaly
2B4B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 005981 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 #005981 looks like.

```
.text, #text, p{  
    color:#005981  
}
```

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 #005981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005981
}
```

Border

The CSS property to change the border of an element to Hex 005981 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
#005981 }
```

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

```
.border{ border-color:#005981 }
```

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

Here you see how a box with a 4 pixel #005981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005981; -webkit-box-shadow:4px 4px  
4px 4px #005981; box-shadow:4px 4px 4px  
4px #005981 }
```

Background

The CSS property to change the background color of an element to Hex 005981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005981 }
```

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

```
.background{ background-color:#005981 }
```

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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