

Converting Colors

Hex(005873)

Have a look what the booklet for
Hex(005873) contains.

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Color

Hex(005873)

Conversions

Conversions Part 1

Format	Color
Hex	005873
RGB	0, 88, 115
RGB Percent	0%, 35%, 45%
CMY	1.0000, 0.6549, 0.5490
CMYK	1.00, 0.23, 0.00, 0.55
HSL	194°, 100%, 23%
HSV	194°, 100%, 45%
XYZ	6.5842, 8.2173, 17.4587
YIQ	64.7660, -61.1150, -10.2590

Conversions

Conversions Part 2

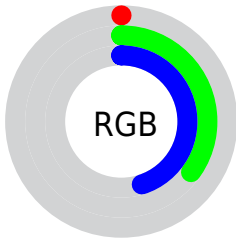
Format	Color
RYB	0, 50, 115
Decimal	22643
CIELab	34.43, -12.03, -21.70
CIELCh	34, 24.814, 241.007
Yxy	8.2173, 0.2041, 0.2547
Android (android.graphics.Color)	4278212723 (0xFF005873)
YUV	64.7660, 24.7654, -56.7998
Hunter-Lab	28.6657, -9.1654, -16.0442

Details

The Hex color **005873** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **731B00**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4A8AA7**, and **002B43** is the 20% darker color. If you saturate the color by 10%, you get **005873**, and if you desaturate by 10%, it is **0B5B73**.

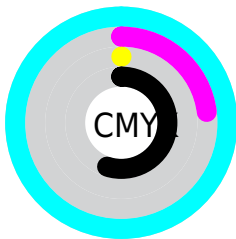
Distribution



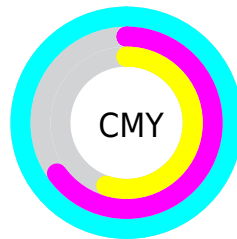
- Red (0%)
- Green (35%)
- Blue (45%)



- Red (0%)
- Yellow (20%)
- Blue (45%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005873 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 005873 by changing the saturation by 10% instead.

 005873

 005873

FFFFFF

 00415A

 4A8AA7

 002B43

 65A4C2

 00172C

 81BFDE

 000118

 9DDBFB

 000000

 B9F8FF

 D6FFFF

 F4FFFF

 005873

■ 0B5B73

■ 175D73

■ 236073

■ 2E6373

■ 3A6673

■ 456873

■ 516B73

■ 5C6E73

■ 687073

Harmonies

Analogous

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



005B65



005873



335378

Triad

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



005873



764151



48562E

Complementary

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



005873



731B00

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.



5D5029



005873



76433E

Square

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



005873



6A4564



6D492F



305A3D

Rectangle

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



005873



4A4E76



6D492F



50542B

Sweetspot

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



005873



698C96



00731B



31464D



CCCCCC



4D4D4D

Same Dimension

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



005873



007396



001F73



35393B



005E7A



00BFFA

Inverse Universe

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



730058



960073



735400



3B3539



7A005E



FA00BF

Previews

White Background



This preview shows how the Hex color 005873 looks on a white background.

Color Contrast Check

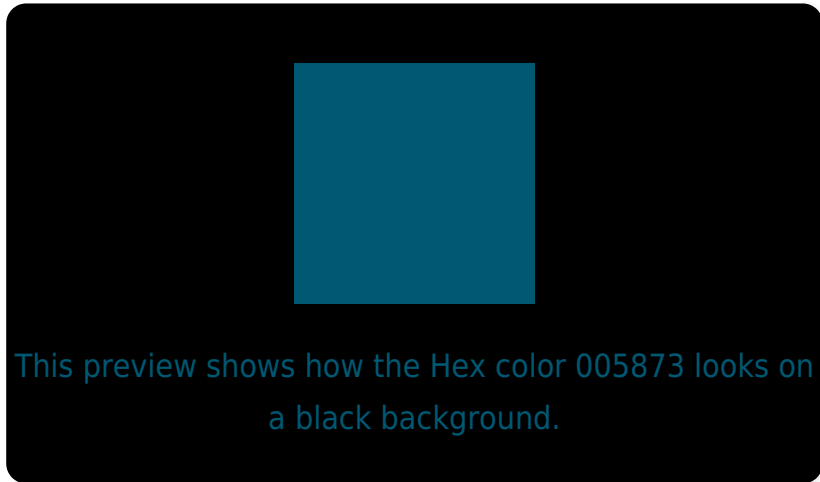
Large Text (above 18pt) WCAG AA ✓ Pass

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

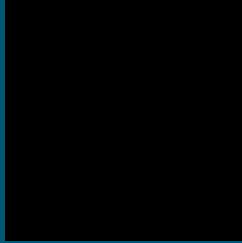
Any Text WCAG AA × Fail

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 005873 Background



This preview shows how black text looks on a background with the Hex color 005873.



This preview shows how white text looks on a background with the Hex color 005873.

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](#).

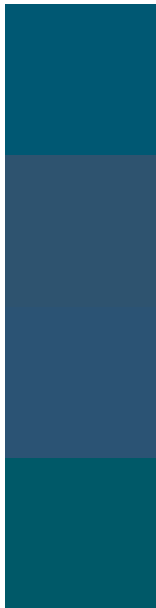
Dichromacy





Tritanopia
005A61

Trichromacy



Original Color
005873

Protanomaly
2E536F

Deuteranomaly
2B5374

Tritanomaly
005968

Monochromacy



Original Color
005873

Achromatopsia
414141

Achromatomaly
294953

CSS Examples

Text

The CSS property to change the color of the text to Hex 005873 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 #005873 looks like.

```
.text, #text, p{  
    color:#005873  
}
```

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 #005873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005873  
}
```

Border

The CSS property to change the border of an element to Hex 005873 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  
#005873 }
```

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

```
.border{ border-color:#005873 }
```

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

Here you see how a box with a 4 pixel #005873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005873; -webkit-box-shadow:4px 4px  
4px 4px #005873; box-shadow:4px 4px 4px  
4px #005873 }
```

Background

The CSS property to change the background color of an element to Hex 005873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005873 }
```

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

```
.background{ background-color:#005873 }
```

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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