

Converting Colors

Hex(005974)

Have a look what the booklet for
Hex(005974) contains.

Hex(005974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005974)

Conversions

Conversions Part 1

Format	Color
Hex	005974
RGB	0, 89, 116
RGB Percent	0%, 35%, 45%
CMY	1.0000, 0.6510, 0.5451
CMYK	1.00, 0.23, 0.00, 0.55
HSL	194°, 100%, 23%
HSV	194°, 100%, 45%
XYZ	6.7248, 8.4057, 17.7910
YIQ	65.4670, -61.7110, -10.4710

Conversions

Conversions Part 2

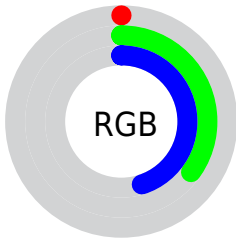
Format	Color
RYB	0, 50, 116
Decimal	22900
CIELab	34.81, -12.23, -21.73
CIELCh	35, 24.933, 240.636
Yxy	8.4057, 0.2043, 0.2553
Android (android.graphics.Color)	4278212980 (0xFF005974)
YUV	65.4670, 24.9128, -57.4146
Hunter-Lab	28.9926, -9.3344, -16.0879

Details

The Hex color **005974** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **741B00**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4A8BA8**, and **002B44** is the 20% darker color. If you saturate the color by 10%, you get **005974**, and if you desaturate by 10%, it is **0C5C74**.

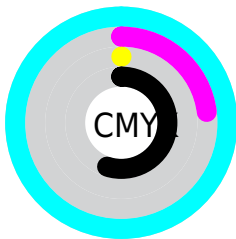
Distribution



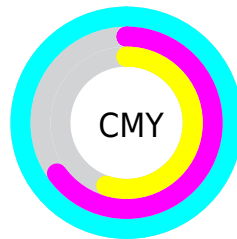
- Red (0%)
- Green (35%)
- Blue (45%)



- 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 005974 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 005974 by changing the saturation by 10% instead.

 005974

 005974

FFFFFF

 00425B

 4A8BA8

 002B44

 66A5C3

 00182D

 82C1DF

 000119

 9DDCFC

 000000

 BAF9FF

 D7FFFF

 F4FFFF

 005974

■ 0C5C74

■ 175E74

■ 236174

■ 2E6474

■ 3A6774

■ 466974

■ 516C74

■ 5D6F74

■ 687174

Harmonies

Analogous

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



005C65



005974



345479

Triad

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



005974



774252



4A572F

Complementary

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



005974



741B00

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.



5E512A



005974



77443F

Square

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



005974



6B4666



6E4A30



315B3E

Rectangle

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



005974



4B4F77



6E4A30



51552C

Sweetspot

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



005974



698C96



007419



31464D



CCCCCC



4D4D4D

Same Dimension

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



005974



007396



002174



35393B



005E7A



00C0FA

Inverse Universe

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



740059



960073



745300



3B3539



7A005E



FA00C0

Previews

White Background



This preview shows how the Hex color 005974 looks on a white background.

Color Contrast Check

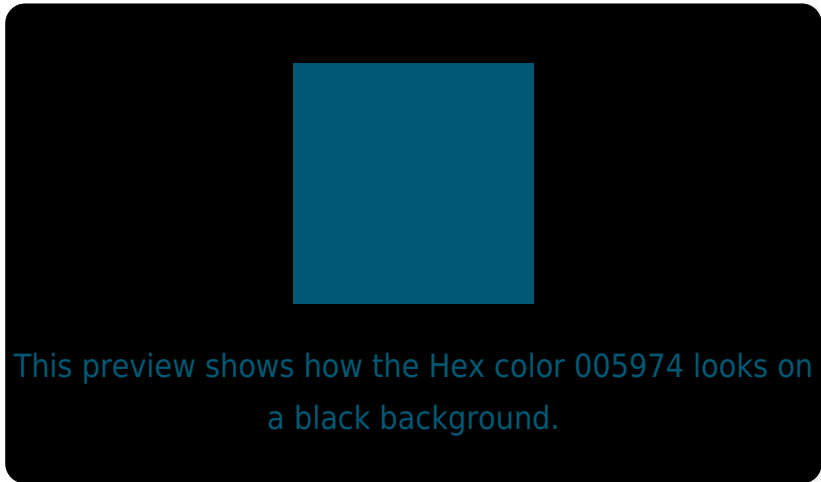
Large Text (above 18pt) WCAG AA ✓ Pass

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

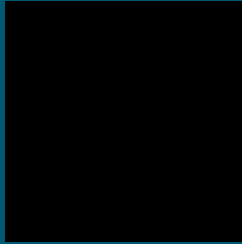
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

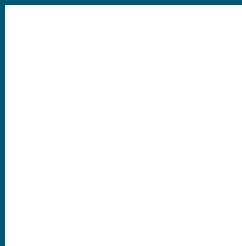
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 005974 Background



This preview shows how black text looks on a background with the Hex color 005974.

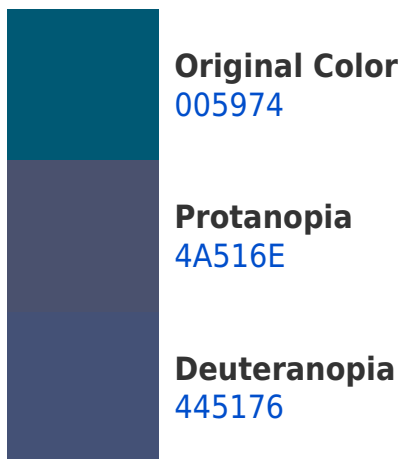


This preview shows how white text looks on a background with the Hex color 005974.

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
005B62

Trichromacy



Original Color
005974

Protanomaly
2F5470

Deuteranomaly
2B5475

Tritanomaly
005A69

Monochromacy



Original Color
005974

Achromatopsia
414141

Achromatomaly
294A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 005974 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 #005974 looks like.

```
.text, #text, p{  
    color:#005974  
}
```

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 #005974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005974
}
```

Border

The CSS property to change the border of an element to Hex 005974 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
#005974 }
```

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

```
.border{ border-color:#005974 }
```

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

Here you see how a box with a 4 pixel #005974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005974; -webkit-box-shadow:4px 4px  
4px 4px #005974; box-shadow:4px 4px 4px  
4px #005974 }
```

Background

The CSS property to change the background color of an element to Hex 005974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005974 }
```

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

```
.background{ background-color:#005974 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor