

Converting Colors

Hex(005A71)

Have a look what the booklet for
Hex(005A71) contains.

Hex(005A71)	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>	28

Color

Hex(005A71)

Conversions

Conversions Part 1

Format	Color
Hex	005A71
RGB	0, 90, 113
RGB Percent	0%, 35%, 44%
CMY	1.0000, 0.6471, 0.5569
CMYK	1.00, 0.20, 0.00, 0.56
HSL	192°, 100%, 22%
HSV	192°, 100%, 44%
XYZ	6.6368, 8.5046, 16.9145
YIQ	65.7120, -61.0230, -11.9270

Conversions

Conversions Part 2

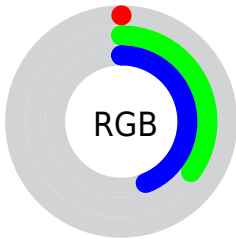
Format	Color
RYB	0, 50, 113
Decimal	23153
CIELab	35.01, -13.99, -19.56
CIELCh	35, 24.047, 234.434
Yxy	8.5046, 0.2070, 0.2653
Android (android.graphics.Color)	4278213233 (0xFF005A71)
YUV	65.7120, 23.3130, -57.6294
Hunter-Lab	29.1626, -10.4117, -13.9748

Details

The Hex color **005A71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **711700**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **498CA5**, and **002C41** is the 20% darker color. If you saturate the color by 10%, you get **005A71**, and if you desaturate by 10%, it is **0B5C71**.

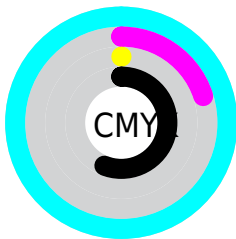
Distribution



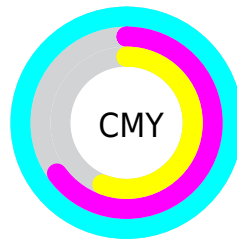
- Red (0%)
- Green (35%)
- Blue (44%)



- Red (0%)
- Yellow (20%)
- Blue (44%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A71 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 005A71 by changing the saturation by 10% instead.

005A71

005A71

FFFFFF

004258

498CA5

002C41

65A7C0

00192B

81C2DC

000116

9DDEF8

000000

B9FAFF

D6FFFF

F3FFFF

005A71

■ 0B5C71

■ 175F71

■ 226171

■ 2D6371

■ 396671

■ 446871

■ 4F6A71

■ 5A6C71

■ 666F71

Harmonies

Analogous

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



005C62



005A71



2F5578

Triad

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



005A71



754357



4F562F

Complementary

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



005A71



711700

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.



62502C



005A71



774443

Square

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



005A71



674869



704934



385A3B

Rectangle

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



005A71



455177



704934



56542C

Sweetspot

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



005A71



688B94



007117



2F454A



C9C9C9



4A4A4A

Same Dimension

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



005A71



007694



002271



323738



005F78



00C5F7

Inverse Universe

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



71005A



940076



714F00



383237



78005F



F700C5

Previews

White Background



This preview shows how the Hex color 005A71 looks on a white background.

Color Contrast Check

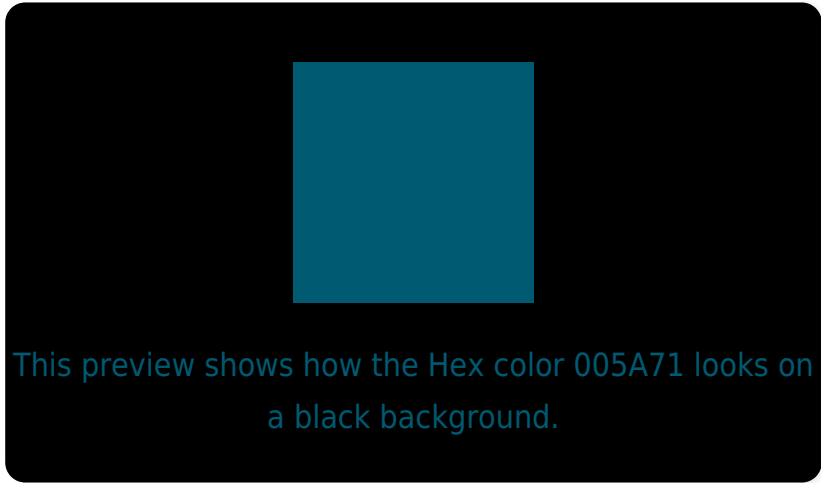
Large Text (above 18pt) WCAG AA ✓ Pass

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

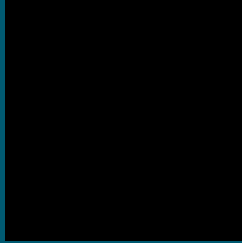
Any Text WCAG AA × Fail

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 005A71 Background



This preview shows how black text looks on a background with the Hex color 005A71.

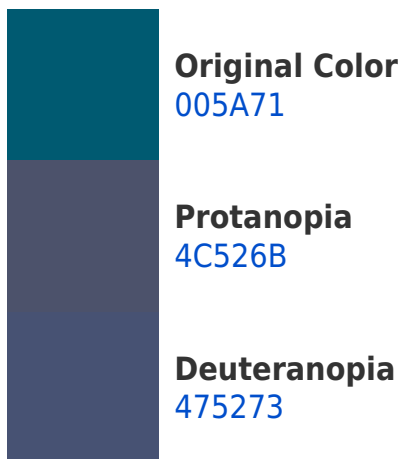


This preview shows how white text looks on a background with the Hex color 005A71.

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



Trichromacy



Original Color
005A71

Protanomaly
30556D

Deuteranomaly
2D5572

Monochromacy



Original Color
005A71

Achromatopsia
424242

Achromatomaly
2A4B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A71 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 #005A71 looks like.

```
.text, #text, p{  
    color:#005A71  
}
```

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 #005A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A71
}
```

Border

The CSS property to change the border of an element to Hex 005A71 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
#005A71 }
```

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

```
.border{ border-color:#005A71 }
```

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

Here you see how a box with a 4 pixel #005A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A71; -webkit-box-shadow:4px 4px  
4px 4px #005A71; box-shadow:4px 4px 4px  
4px #005A71 }
```

Background

The CSS property to change the background color of an element to Hex 005A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A71 }
```

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

```
.background{ background-color:#005A71 }
```

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