

Converting Colors

Hex(005A67)

Have a look what the booklet for
Hex(005A67) contains.

Hex(005A67)	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(005A67)

Conversions

Conversions Part 1

Format	Color
Hex	005A67
RGB	0, 90, 103
RGB Percent	0%, 35%, 40%
CMY	1.0000, 0.6471, 0.5961
CMYK	1.00, 0.13, 0.00, 0.60
HSL	188°, 100%, 20%
HSV	188°, 100%, 40%
XYZ	6.1043, 8.2916, 14.1107
YIQ	64.5720, -57.8130, -15.0370

Conversions

Conversions Part 2

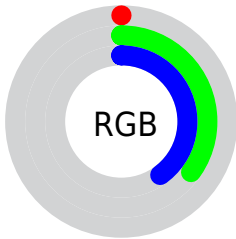
Format	Color
RYB	0, 48, 103
Decimal	23143
CIELab	34.58, -17.80, -14.00
CIELCh	35, 22.642, 218.189
Yxy	8.2916, 0.2141, 0.2909
Android (android.graphics.Color)	4278213223 (0xFF005A67)
YUV	64.5720, 18.9450, -56.6296
Hunter-Lab	28.7951, -12.5509, -8.8977

Details

The Hex color **005A67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **670D00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **478C9A**, and **002C38** is the 20% darker color. If you saturate the color by 10%, you get **005A67**, and if you desaturate by 10%, it is **0A5B67**.

Distribution



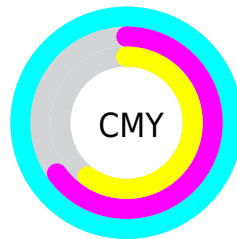
- Red (0%)
- Green (35%)
- Blue (40%)



- Red (0%)
- Yellow (19%)
- Blue (40%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A67 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 005A67 by changing the saturation by 10% instead.

005A67

005A67

FFFFFF

00424F

478C9A

002C38

63A7B5

001923

7EC2D0

00000B

9ADEED

000000

B6FBFF

D3FFFF

F0FFFF

005A67

■ 0A5B67

■ 155D67

■ 1F5E67

■ 295F67

■ 346067

■ 3E6267

■ 486367

■ 526467

■ 5D6667

Harmonies

Analogous

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



145B56



005A67



1F5772

Triad

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



005A67



6C455F



58522D

Complementary

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



005A67



670D00

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.



684C30



005A67



74434D

Square

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



005A67



5A4B6E



72463C



455734

Rectangle

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



005A67



355375



72463C



5E502D

Sweetspot

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



005A67



5F8287



00670C



2C4245



C4C4C4



454545

Same Dimension

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



005A67



007687



002767



2E3233



006473



00D4F2

Inverse Universe

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



67005A



870076



674000



332E32



730064



F200D4

Previews

White Background



This preview shows how the Hex color 005A67 looks on a white background.

Color Contrast Check

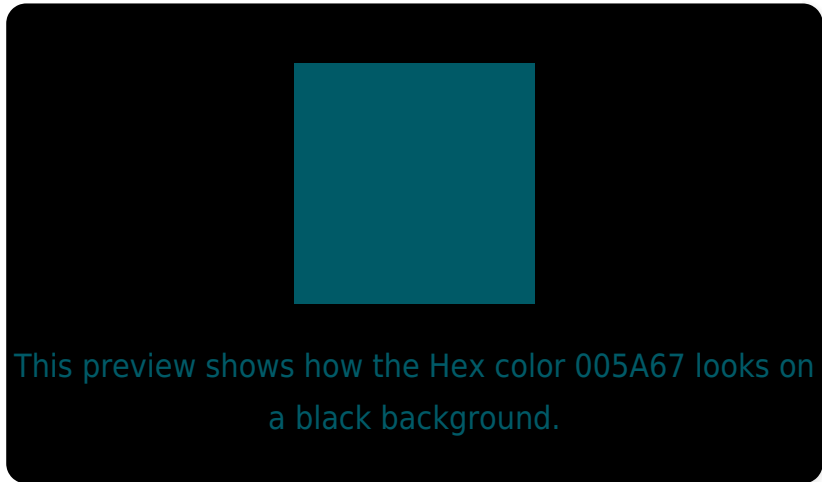
Large Text (above 18pt) WCAG AA ✓ Pass

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

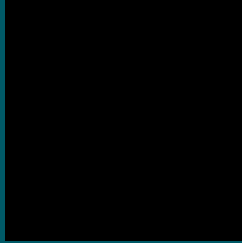
Any Text WCAG AA × Fail

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 005A67 Background



This preview shows how black text looks on a background with the Hex color 005A67.



This preview shows how white text looks on a background with the Hex color 005A67.

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
005A67

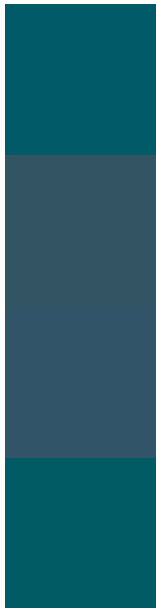
Protanopia
4E5161

Deuteranopia
4D5069



Tritanopia
005B62

Trichromacy



Original Color
005A67

Protanomaly
325463

Deuteranomaly
315468

Tritanomaly
005B64

Monochromacy



Original Color
005A67

Achromatopsia
414141

Achromatomaly
294A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A67 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 #005A67 looks like.

```
.text, #text, p{  
    color:#005A67  
}
```

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 #005A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A67  
}
```

Border

The CSS property to change the border of an element to Hex 005A67 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  
#005A67 }
```

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

```
.border{ border-color:#005A67 }
```

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

Here you see how a box with a 4 pixel #005A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A67; -webkit-box-shadow:4px 4px  
4px 4px #005A67; box-shadow:4px 4px 4px  
4px #005A67 }
```

Background

The CSS property to change the background color of an element to Hex 005A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A67 }
```

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

```
.background{ background-color:#005A67 }
```

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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