

Converting Colors

Hex(005A57)

Have a look what the booklet for
Hex(005A57) contains.

Hex(005A57)	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(005A57)

Conversions

Conversions Part 1

Format	Color
Hex	005A57
RGB	0, 90, 87
RGB Percent	0%, 35%, 34%
CMY	1.0000, 0.6471, 0.6588
CMYK	1.00, 0.00, 0.03, 0.65
HSL	178°, 100%, 18%
HSV	178°, 100%, 35%
XYZ	5.3765, 8.0004, 10.2777
YIQ	62.7480, -52.6770, -20.0130

Conversions

Conversions Part 2

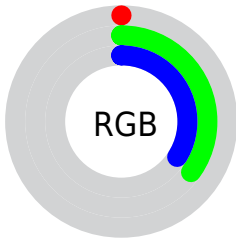
Format	Color
RYB	0, 46, 90
Decimal	23127
CIELab	33.98, -23.51, -4.88
CIELCh	34, 24.014, 191.735
Yxy	8.0004, 0.2273, 0.3382
Android (android.graphics.Color)	4278213207 (0xFF005A57)
YUV	62.7480, 11.9562, -55.0300
Hunter-Lab	28.2851, -15.5693, -1.7441

Details

The Hex color **005A57** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5A0003**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **448D89**, and **002C2A** is the 20% darker color. If you saturate the color by 10%, you get **005A57**, and if you desaturate by 10%, it is **095A57**.

Distribution



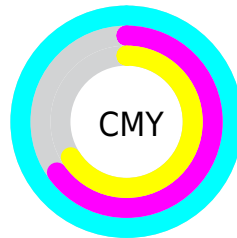
- Red (0%)
- Green (35%)
- Blue (34%)



- Red (0%)
- Yellow (18%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A57 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 005A57 by changing the saturation by 10% instead.

005A57

005A57

FFFFFF

004240

448D89

002C2A

5FA7A3

001716

7AC2BE

000000

96DFDA

B2FBF6

CEFFFF

EBFFFF

005A57

■ 095A57

■ 125A58

■ 1B5A58

■ 245A58

■ 2D5A59

■ 365A59

■ 3F5A59

■ 485A59

■ 515A5A

Harmonies

Analogous

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



275943



005A57



005969

Triad

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



005A57



5C486C



664B2C

Complementary

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



005A57



5A0003

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.



724437



005A57



6E425C

Square

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



005A57



404F75



754149



55512A

Rectangle

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



005A57



085771



754149



6B482F

Sweetspot

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



005A57



527574



035A00



263B3A



BABABA



3B3B3B

Same Dimension

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



005A57



007571



00305A



292E2E



006E6A



00EDE5

Inverse Universe

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



5A0003



750004



5A2A00



2E2929



6E0004



ED0008

Previews

White Background



This preview shows how the Hex color 005A57 looks on a white background.

Color Contrast Check

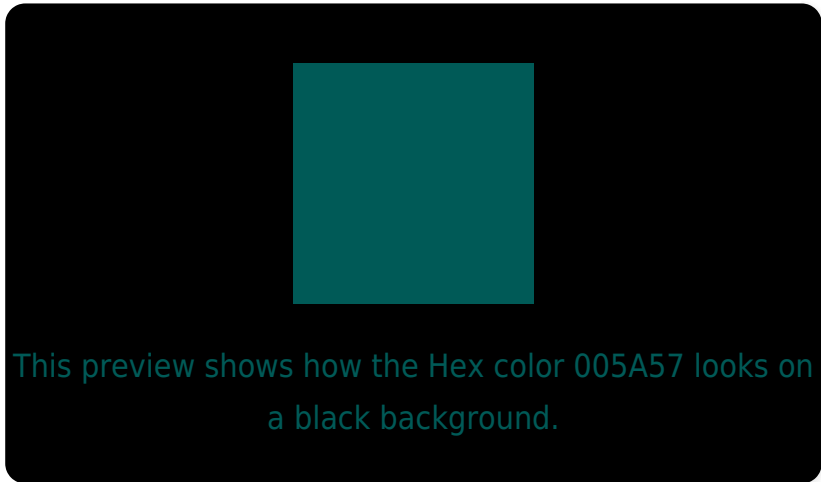
Large Text (above 18pt) WCAG AA ✓ Pass

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

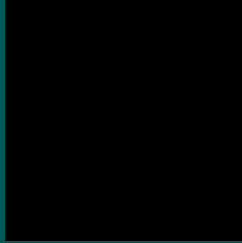
Any Text WCAG AA × Fail

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 005A57 Background



This preview shows how black text looks on a background with the Hex color 005A57.



This preview shows how white text looks on a background with the Hex color 005A57.

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
005A57

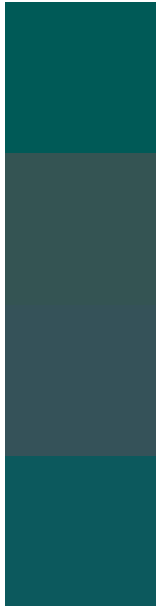
Protanopia
515051

Deuteranopia
534E5A



Tritanopia
135960

Trichromacy



Original Color
005A57

Protanomaly
345453

Deuteranomaly
355259

Tritanomaly
0C595D

Monochromacy



Original Color
005A57

Achromatopsia
3F3F3F

Achromatomaly
284948

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A57 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 #005A57 looks like.

```
.text, #text, p{  
    color:#005A57  
}
```

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 #005A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A57
}
```

Border

The CSS property to change the border of an element to Hex 005A57 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
#005A57 }
```

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

```
.border{ border-color:#005A57 }
```

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

Here you see how a box with a 4 pixel #005A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A57; -webkit-box-shadow:4px 4px  
4px 4px #005A57; box-shadow:4px 4px 4px  
4px #005A57 }
```

Background

The CSS property to change the background color of an element to Hex 005A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A57 }
```

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

```
.background{ background-color:#005A57 }
```

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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