

Converting Colors

Hex(003D57)

Have a look what the booklet for
Hex(003D57) contains.

Hex(003D57)	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(003D57)

Conversions

Conversions Part 1

Format	Color
Hex	003D57
RGB	0, 61, 87
RGB Percent	0%, 24%, 34%
CMY	1.0000, 0.7608, 0.6588
CMYK	1.00, 0.30, 0.00, 0.66
HSL	198°, 100%, 17%
HSV	198°, 100%, 34%
XYZ	3.3890, 4.0256, 9.6152
YIQ	45.7250, -44.7020, -4.8460

Conversions

Conversions Part 2

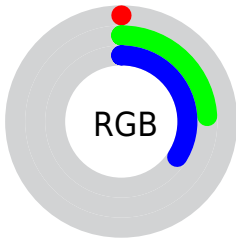
Format	Color
RYB	0, 36, 87
Decimal	15703
CIELab	23.76, -6.79, -20.52
CIElCh	24, 21.613, 251.684
Yxy	4.0256, 0.1990, 0.2364
Android (android.graphics.Color)	4278205783 (0xFF003D57)
YUV	45.7250, 20.3486, -40.1008
Hunter-Lab	20.0639, -4.9610, -14.3688

Details

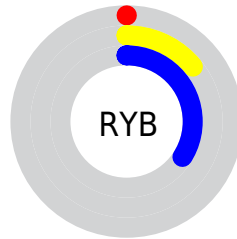
The Hex color **003D57** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **571A00**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **406C89**, and **00132A** is the 20% darker color. If you saturate the color by 10%, you get **003D57**, and if you desaturate by 10%, it is **094057**.

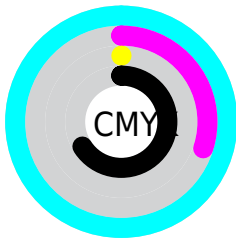
Distribution



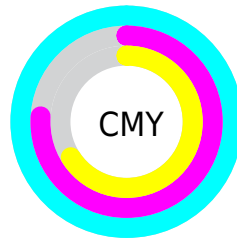
- Red (0%)
- Green (24%)
- Blue (34%)



- Red (0%)
- Yellow (14%)
- Blue (34%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003D57 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 003D57 by changing the saturation by 10% instead.

■ 003D57

■ 003D57

FFFFFF

■ 002740

■ 406C89

■ 00132A

■ 5A86A3

■ 000114

■ 74A0BE

■ 000000

■ 8FBBDA

■ ABD6F7

■ C7F3FF

■ E3FFFF

■ 003D57

■ 094057

■ 114257

■ 1A4557

■ 234757

■ 2C4A57

■ 344D57

■ 3D4F57

■ 465257

■ 4E5457

Harmonies

Analogous

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



00404E



003D57



2A3858

Triad

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



003D57



572B33



2B3E20

Complementary

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



003D57



571A00

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.



3C3A18



003D57



552E24

Square

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



003D57



512D43



4B341A



13402E

Rectangle

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



003D57



3B3454



4B341A



313D1C

Sweetspot

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



003D57



4F6670



005719



243238



B8B8B8



383838

Same Dimension

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



003D57



004F70



001357



272A2B



004B6B



00A4EB

Inverse Universe

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



57003D



70004F



574400



2B272A



6B004B



EB00A4

Previews

White Background



This preview shows how the Hex color 003D57 looks on a white background.

Color Contrast Check

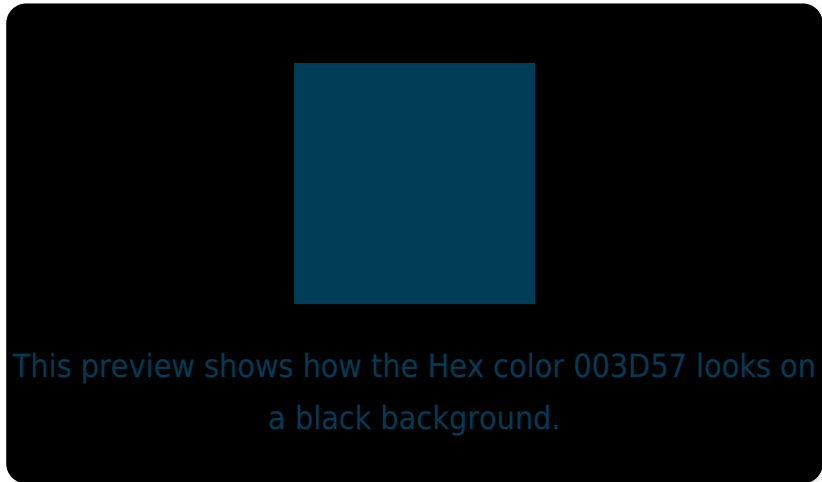
Large Text (above 18pt) WCAG AA ✓ Pass

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

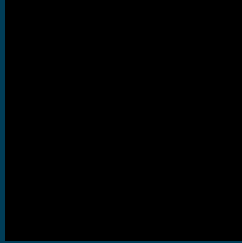
Any Text WCAG AA × Fail

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 003D57 Background



This preview shows how black text looks on a background with the Hex color 003D57.



This preview shows how white text looks on a background with the Hex color 003D57.

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
003D57

Protanopia
303853

Deuteranopia
293958



Tritanopia
003F44

Trichromacy



Original Color
003D57

Protanomaly
1F3A54

Deuteranomaly
1A3A58

Tritanomaly
003E4B

Monochromacy



Original Color
003D57

Achromatopsia
2E2E2E

Achromatomaly
1D333D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D57 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 #003D57 looks like.

```
.text, #text, p{  
    color:#003D57  
}
```

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 #003D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D57
}
```

Border

The CSS property to change the border of an element to Hex 003D57 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
#003D57 }
```

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

```
.border{ border-color:#003D57 }
```

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

Here you see how a box with a 4 pixel #003D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D57; -webkit-box-shadow:4px 4px  
4px 4px #003D57; box-shadow:4px 4px 4px  
4px #003D57 }
```

Background

The CSS property to change the background color of an element to Hex 003D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D57 }
```

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

```
.background{ background-color:#003D57 }
```

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