

Converting Colors

Hex(003557)

Have a look what the booklet for
Hex(003557) contains.

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Color

Hex(003557)

Conversions

Conversions Part 1

Format	Color
Hex	003557
RGB	0, 53, 87
RGB Percent	0%, 21%, 34%
CMY	1.0000, 0.7922, 0.6588
CMYK	1.00, 0.39, 0.00, 0.66
HSL	203°, 100%, 17%
HSV	203°, 100%, 34%
XYZ	2.9934, 3.2343, 9.4833
YIQ	41.0290, -42.5020, -0.6620

Conversions

Conversions Part 2

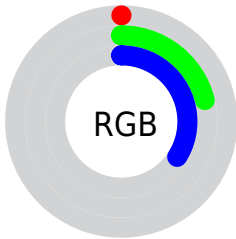
Format	Color
RYB	0, 33, 87
Decimal	13655
CIELab	20.96, -1.41, -24.93
CIELCh	21, 24.971, 266.770
Yxy	3.2343, 0.1905, 0.2059
Android (android.graphics.Color)	4278203735 (0xFF003557)
YUV	41.0290, 22.6637, -35.9824
Hunter-Lab	17.9842, -1.7618, -18.6755

Details

The Hex color **003557** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **572200**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3F6389**, and **00072A** is the 20% darker color. If you saturate the color by 10%, you get **003557**, and if you desaturate by 10%, it is **093857**.

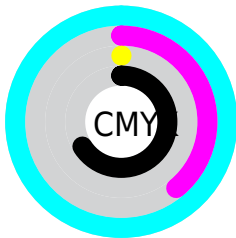
Distribution



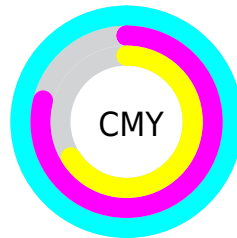
- Red (0%)
- Green (21%)
- Blue (34%)



- Red (0%)
- Yellow (13%)
- Blue (34%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (79%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003557 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 003557 by changing the saturation by 10% instead.

■ 003557

■ 003557

FFFFFF

■ 00203F

■ 3F6389

■ 00072A

■ 597CA4

■ 000114

■ 7496BF

■ 000000

■ 8FB0DB

■ AACCF7

■ C6E8FF

■ E3FFFF

■ 003557

■ 093857

■ 113C57

■ 1A3F57

■ 234357

■ 2C4657

■ 344957

■ 3D4D57

■ 465057

■ 4E5457

Harmonies

Analogous

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



003951



003557



302E53

Triad

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



003557



542423



143A1D

Complementary

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



003557



572200

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.



2C3610



003557



4C2A14

Square

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



003557



532235



3E310B



003B30

Rectangle

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



003557



41294C



3E310B



1E3918

Sweetspot

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



003557



4F6370



005721



243038



B8B8B8



383838

Same Dimension

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



003557



004470



000A57



272A2B



00416B



008FEB

Inverse Universe

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



570035



700044



574D00



2B272A



6B0041



EB008F

Previews

White Background



This preview shows how the Hex color 003557 looks on a white background.

Color Contrast Check

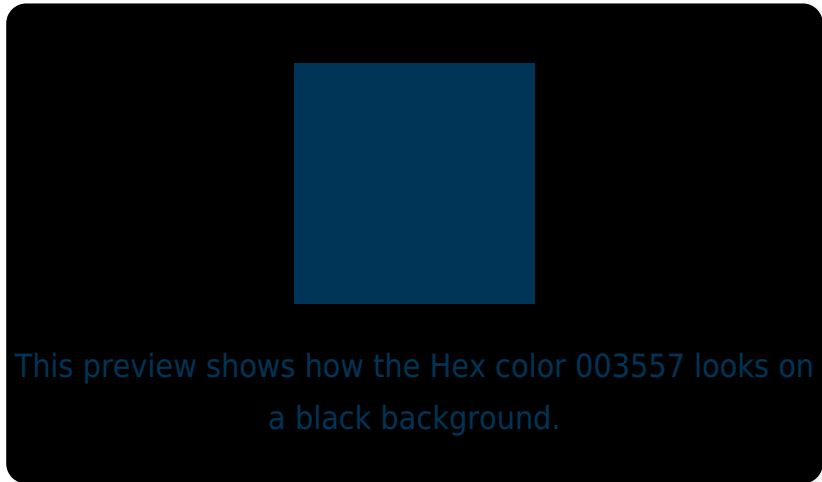
Large Text (above 18pt) WCAG AA ✓ Pass

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

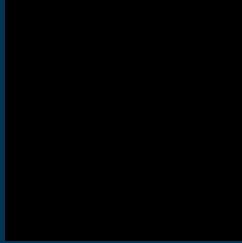
Any Text WCAG AA × Fail

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 003557 Background



This preview shows how black text looks on a background with the Hex color 003557.



This preview shows how white text looks on a background with the Hex color 003557.

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
003557

Protanopia
253254

Deuteranopia
183457

Trichromacy



Original Color
003557

Protanomaly
183355

Deuteranomaly
0F3457

Tritanomaly
003846

Monochromacy



Original Color
003557

Achromatopsia
292929

Achromatomaly
1A2D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 003557 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 #003557 looks like.

```
.text, #text, p{  
    color:#003557  
}
```

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 #003557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003557
}
```

Border

The CSS property to change the border of an element to Hex 003557 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
#003557 }
```

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

```
.border{ border-color:#003557 }
```

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

Here you see how a box with a 4 pixel #003557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003557; -webkit-box-shadow:4px 4px  
4px 4px #003557; box-shadow:4px 4px 4px  
4px #003557 }
```

Background

The CSS property to change the background color of an element to Hex 003557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003557 }
```

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

```
.background{ background-color:#003557 }
```

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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