

Converting Colors

Hex(005157)

Have a look what the booklet for
Hex(005157) contains.

Hex(005157)	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(005157)

Conversions

Conversions Part 1

Format	Color
Hex	005157
RGB	0, 81, 87
RGB Percent	0%, 32%, 34%
CMY	1.0000, 0.6824, 0.6588
CMYK	1.00, 0.07, 0.00, 0.66
HSL	184°, 100%, 17%
HSV	184°, 100%, 34%
XYZ	4.6627, 6.5730, 10.0398
YIQ	57.4650, -50.2020, -15.3060

Conversions

Conversions Part 2

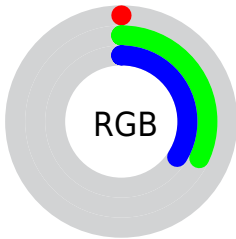
Format	Color
RYB	0, 42, 87
Decimal	20823
CIELab	30.81, -18.75, -9.64
CIELCh	31, 21.083, 207.211
Yxy	6.5730, 0.2192, 0.3089
Android (android.graphics.Color)	4278210903 (0xFF005157)
YUV	57.4650, 14.5608, -50.3968
Hunter-Lab	25.6378, -12.4025, -5.2715

Details

The Hex color **005157** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **570600**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **428389**, and **00242A** is the 20% darker color. If you saturate the color by 10%, you get **005157**, and if you desaturate by 10%, it is **095257**.

Distribution



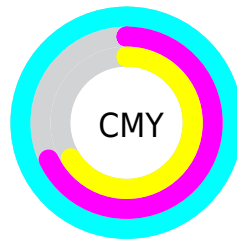
- Red (0%)
- Green (32%)
- Blue (34%)



- Red (0%)
- Yellow (16%)
- Blue (34%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005157 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 005157 by changing the saturation by 10% instead.

005157

005157

FFFFFF

003A40

428389

00242A

5D9DA3

000716

78B8BE

000000

93D4DA

AFF0F6

CBFFFF

E8FFFF

005157

■ 095257

■ 115257

■ 1A5357

■ 235357

■ 2C5457

■ 345557

■ 3D5557

■ 465657

■ 4E5657

Harmonies

Analogous

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



1A5146



005157



0E4F64

Triad

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



005157



5C3F5B



554727

Complementary

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



005157



570600

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.



61412D



005157



673C4B

Square

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



005157



484566



683D3A



444C2B

Rectangle

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



005157



234C68



683D3A



594528

Sweetspot

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



005157



4F6E70



005706



243738



B8B8B8



383838

Same Dimension

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



005157



006870



002657



272B2B



00646B



00DAEB

Inverse Universe

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



570051



700068



573100



2B272B



6B0064



EB00DA

Previews

White Background



This preview shows how the Hex color 005157 looks on a white background.

Color Contrast Check

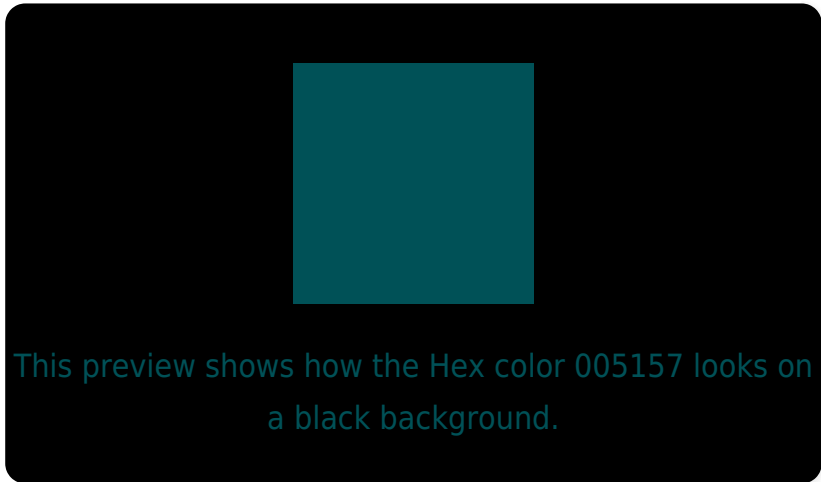
Large Text (above 18pt) WCAG AA ✓ Pass

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

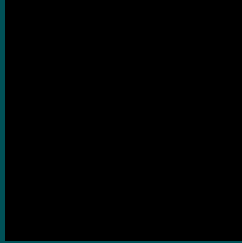
Any Text WCAG AA × Fail

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 005157 Background



This preview shows how black text looks on a background with the Hex color 005157.



This preview shows how white text looks on a background with the Hex color 005157.

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
005157

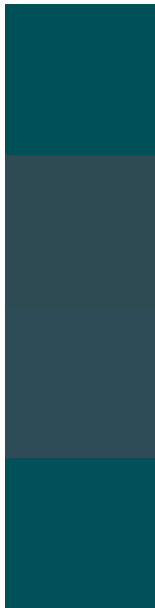
Protanopia
484851

Deuteranopia
484759



Tritanopia
055158

Trichromacy



Original Color
005157

Protanomaly
2E4B53

Deuteranomaly
2E4B58

Tritanomaly
035158

Monochromacy



Original Color
005157

Achromatopsia
393939

Achromatomaly
244244

CSS Examples

Text

The CSS property to change the color of the text to Hex 005157 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 #005157 looks like.

```
.text, #text, p{  
    color:#005157  
}
```

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 #005157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005157
}
```

Border

The CSS property to change the border of an element to Hex 005157 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
#005157 }
```

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

```
.border{ border-color:#005157 }
```

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

Here you see how a box with a 4 pixel #005157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005157; -webkit-box-shadow:4px 4px  
4px 4px #005157; box-shadow:4px 4px 4px  
4px #005157 }
```

Background

The CSS property to change the background color of an element to Hex 005157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005157 }
```

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

```
.background{ background-color:#005157 }
```

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