

Converting Colors

Hex(053E67)

Have a look what the booklet for
Hex(053E67) contains.

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Color

Hex(053E67)

Conversions

Conversions Part 1

Format	Color
Hex	053E67
RGB	5, 62, 103
RGB Percent	2%, 24%, 40%
CMY	0.9804, 0.7569, 0.5961
CMYK	0.95, 0.40, 0.00, 0.60
HSL	205°, 91%, 21%
HSV	205°, 95%, 40%
XYZ	4.2334, 4.4568, 13.4691
YIQ	49.6310, -47.1330, 0.6670

Conversions

Conversions Part 2

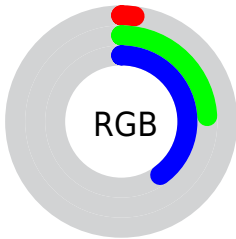
Format	Color
RYB	5, 41, 103
Decimal	343655
CIELab	25.13, -0.04, -28.74
CIELCh	25, 28.743, 269.926
Yxy	4.4568, 0.1910, 0.2011
Android (android.graphics.Color)	4278533735 (0xFF053E67)
YUV	49.6310, 26.3109, -39.1414
Hunter-Lab	21.1111, -1.1500, -23.0498

Details

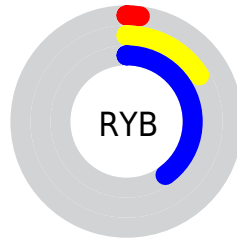
The Hex color **053E67** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **672E05**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **466D9A**, and **001438** is the 20% darker color. If you saturate the color by 10%, you get **003C67**, and if you desaturate by 10%, it is **0F4267**.

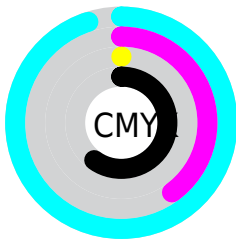
Distribution



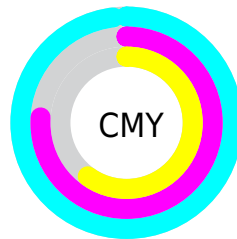
- Red (2%)
- Green (24%)
- Blue (40%)



- Red (2%)
- Yellow (16%)
- Blue (40%)



- Cyan (95%)
- Magenta (40%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 053E67 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 053E67 by changing the saturation by 10% instead.



053E67



053E67

FFFFFF



00284F



466D9A



001438



6186B5



000222



7CA0D1



000008



98BBED



000000



B3D7FF



D0F3FF



EDFFFF



053E67



053E67

■ 003C67

■ 0F4267

■ 1A4767

■ 244B67

■ 2E4F67

■ 395467

■ 435867

■ 4D5C67

■ 576067

■ 626567

Harmonies

Analogous

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



004361



053E67



3C3661

Triad

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



053E67



622B27



134425

Complementary

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



053E67



672E05

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.



324113



053E67



583216

Square

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



053E67



62283D



473A0D



00463B

Rectangle

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



053E67



4F3058



473A0D



1F431E

Sweetspot

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



053E67



607787



05672E



2D3B45



C4C4C4



454545

Same Dimension

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



053E67



004F87



050D67



2E3133



004373



008DF2

Inverse Universe

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



67053E



87004F



675F05



332E31



730043



F2008D

Previews

White Background



This preview shows how the Hex color 053E67 looks on a white background.

Color Contrast Check

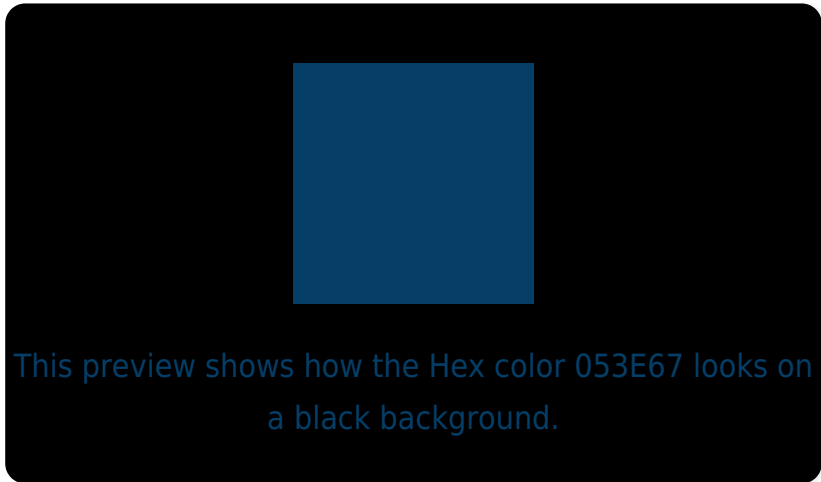
Large Text (above 18pt) WCAG AA ✓ Pass

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

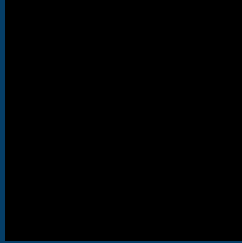
Any Text WCAG AA × Fail

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 053E67 Background



This preview shows how black text looks on a background with the Hex color 053E67.



This preview shows how white text looks on a background with the Hex color 053E67.

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
053E67

Protanopia
2B3B64

Deuteranopia
1A3D67

Trichromacy



Original Color
053E67

Protanomaly
1D3C65

Deuteranomaly
123D67

Tritanomaly
024153

Monochromacy



Original Color
053E67

Achromatopsia
323232

Achromatomaly
223645

CSS Examples

Text

The CSS property to change the color of the text to Hex 053E67 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 #053E67 looks like.

```
.text, #text, p{  
    color:#053E67  
}
```

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 #053E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053E67
}
```

Border

The CSS property to change the border of an element to Hex 053E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

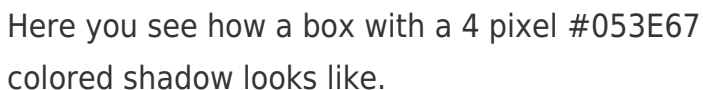
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#053E67 }
```

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

```
.border{ border-color:#053E67 }
```

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



Here you see how a box with a 4 pixel #053E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053E67; -webkit-box-shadow:4px 4px  
4px 4px #053E67; box-shadow:4px 4px 4px  
4px #053E67 }
```

Background

The CSS property to change the background color of an element to Hex 053E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053E67 }
```

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

```
.background{ background-color:#053E67 }
```

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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