

Converting Colors

Hex(033C67)

Have a look what the booklet for
Hex(033C67) contains.

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Color

Hex(033C67)

Conversions

Conversions Part 1

Format	Color
Hex	033C67
RGB	3, 60, 103
RGB Percent	1%, 24%, 40%
CMY	0.9882, 0.7647, 0.5961
CMYK	0.97, 0.42, 0.00, 0.60
HSL	206°, 94%, 21%
HSV	206°, 97%, 40%
XYZ	4.1016, 4.2303, 13.4323
YIQ	47.8590, -47.7750, 1.2890

Conversions

Conversions Part 2

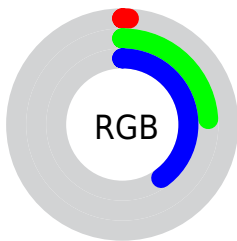
Format	Color
R_{YB}	3, 39, 103
Decimal	212071
CIE _{Lab}	24.42, 1.16, -29.87
CIE _{LCh}	24, 29.897, 272.221
Yxy	4.2303, 0.1885, 0.1944
Android (android.graphics.Color)	4278402151 (0xFF033C67)
YUV	47.8590, 27.1845, -39.3413
Hunter-Lab	20.5678, -0.3976, -24.3234

Details

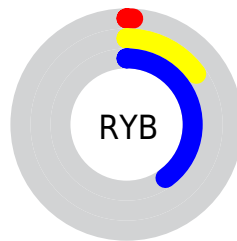
The Hex color **033C67** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **672E03**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **466B9A**, and **001238** is the 20% darker color. If you saturate the color by 10%, you get **003B67**, and if you desaturate by 10%, it is **0D4067**.

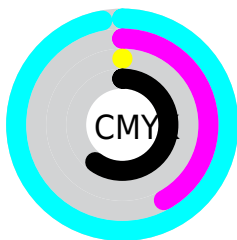
Distribution



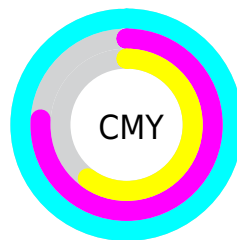
- Red (1%)
- Green (24%)
- Blue (40%)



- Red (1%)
- Yellow (15%)
- Blue (40%)



- Cyan (97%)
- Magenta (42%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033C67 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 033C67 by changing the saturation by 10% instead.

■ 033C67

■ 033C67

FFFFFF

■ 00274F

■ 466B9A

■ 001238

■ 6084B5

■ 000222

■ 7B9ED1

■ 000007

■ 97B9EE

■ 000000

■ B3D5FF

■ CFF1FF

■ ECFFFF

■ 033C67

■ 033C67

■ 003B67

■ 0D4067

■ 184567

■ 224967

■ 2C4E67

■ 375267

■ 415767

■ 4B5B67

■ 555F67

■ 606467

Harmonies

Analogous

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



004262



033C67



3D3360

Triad

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



033C67



612923



094324

Complementary

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



033C67



672E03

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.



2D4011



033C67



563111

Square

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



033C67



622539



443909



00453B

Rectangle

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



033C67



502D56



443909



19421D

Sweetspot

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



033C67



607687



03672D



2D3A45



C4C4C4



454545

Same Dimension

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



033C67



004D87



030B67



2E3133



004173



008AF2

Inverse Universe

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



67033C



87004D



675F03



332E31



730041



F2008A

Previews

White Background



This preview shows how the Hex color 033C67 looks on a white background.

Color Contrast Check

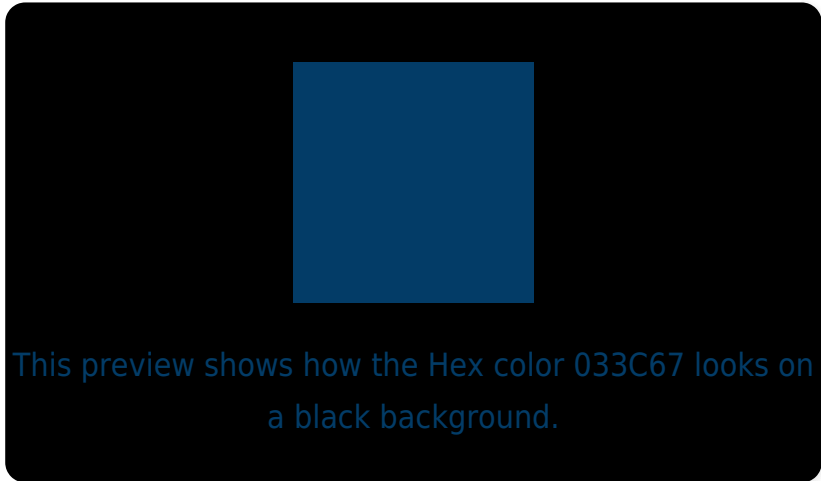
Large Text (above 18pt) WCAG AA ✓ Pass

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 033C67 Background



This preview shows how black text looks on a background with the Hex color 033C67.



This preview shows how white text looks on a background with the Hex color 033C67.

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



Trichromacy



Original Color
033C67

Protanomaly
1B3A65

Deuteranomaly
0D3B67

Tritanomaly
013F51

Monochromacy



Original Color
033C67

Achromatopsia
303030

Achromatomaly
203444

CSS Examples

Text

The CSS property to change the color of the text to Hex 033C67 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 #033C67 looks like.

```
.text, #text, p{  
    color:#033C67  
}
```

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 #033C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033C67
}
```

Border

The CSS property to change the border of an element to Hex 033C67 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
#033C67 }
```

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

```
.border{ border-color:#033C67 }
```

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

Here you see how a box with a 4 pixel #033C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033C67; -webkit-box-shadow:4px 4px  
4px 4px #033C67; box-shadow:4px 4px 4px  
4px #033C67 }
```

Background

The CSS property to change the background color of an element to Hex 033C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033C67 }
```

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

```
.background{ background-color:#033C67 }
```

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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