

Converting Colors

Hex(013A67)

Have a look what the booklet for
Hex(013A67) contains.

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Color

Hex(013A67)

Conversions

Conversions Part 1

Format	Color
Hex	013A67
RGB	1, 58, 103
RGB Percent	0%, 23%, 40%
CMY	0.9961, 0.7725, 0.5961
CMYK	0.99, 0.44, 0.00, 0.60
HSL	206°, 98%, 20%
HSV	206°, 99%, 40%
XYZ	3.9738, 4.0118, 13.3969
YIQ	46.0870, -48.4170, 1.9110

Conversions

Conversions Part 2

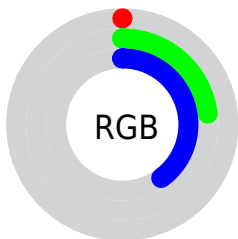
Format	Color
R_{YB}	1, 38, 103
Decimal	80487
CIE _{Lab}	23.71, 2.37, -31.01
CIE _{LCh}	24, 31.098, 274.371
Yxy	4.0118, 0.1858, 0.1876
Android (android.graphics.Color)	4278270567 (0xFF013A67)
YUV	46.0870, 28.0581, -39.5413
Hunter-Lab	20.0296, 0.3616, -25.6357

Details

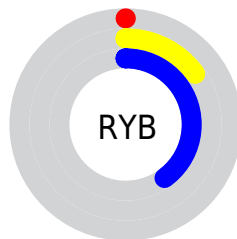
The Hex color **013A67** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **672E01**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **45699A**, and **000F38** is the 20% darker color. If you saturate the color by 10%, you get **003A67**, and if you desaturate by 10%, it is **0B3F67**.

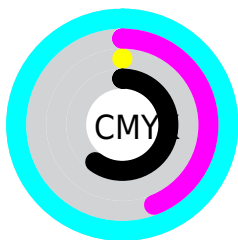
Distribution



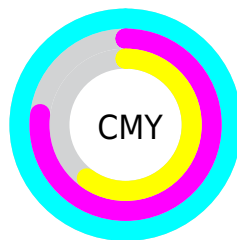
- Red (0%)
- Green (23%)
- Blue (40%)



- Red (0%)
- Yellow (15%)
- Blue (40%)



- Cyan (99%)
- Magenta (44%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 013A67 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 013A67 by changing the saturation by 10% instead.



013A67



013A67

FFFFFF



00254F



45699A



000F38



6082B5



000222



7B9CD1



000007



96B6EE



000000



B2D2FF



CEEEFF



EBFFFF



013A67



013A67

■ 003A67

■ 0B3F67

■ 164367

■ 204867

■ 2A4C67

■ 355167

■ 3F5567

■ 495A67

■ 535E67

■ 5E6367

Harmonies

Analogous

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



004062



013A67



3D315F

Triad

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



013A67



60261F



004223

Complementary

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



013A67



672E01

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.



293F0F



013A67



54300D

Square

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



013A67



622236



413804



00443B

Rectangle

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



013A67



502A54



413804



12411C

Sweetspot

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



013A67



5F7587



01672D



2C3A45



C4C4C4



454545

Same Dimension

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



013A67



004C87



010867



2E3133



004073



0087F2

Inverse Universe

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



67013A



87004C



676001



332E31



730040



F20087

Previews

White Background



This preview shows how the Hex color 013A67 looks on a white background.

Color Contrast Check

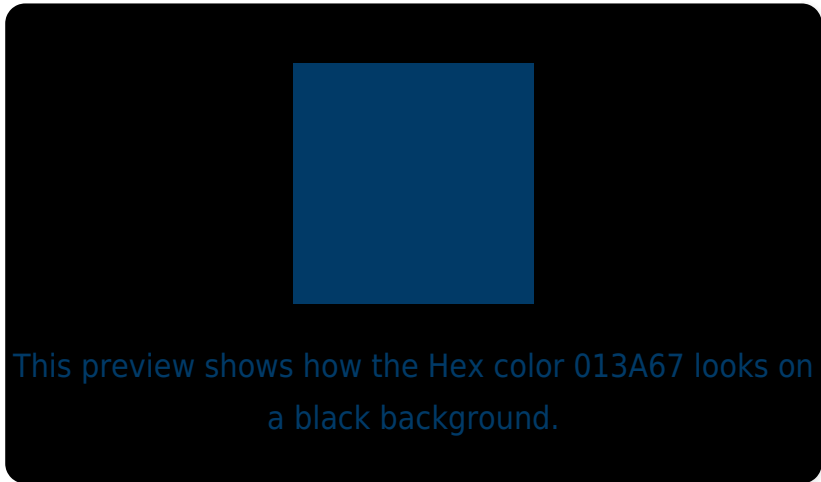
Large Text (above 18pt) WCAG AA ✓ Pass

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

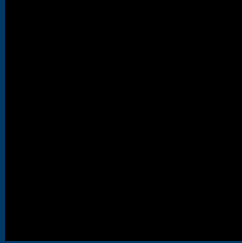
Any Text WCAG AA × Fail

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 013A67 Background



This preview shows how black text looks on a background with the Hex color 013A67.



This preview shows how white text looks on a background with the Hex color 013A67.

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
013A67

Protanopia
243765

Deuteranopia
003A67



Tritanopia
003F44

Trichromacy



Original Color
013A67

Protanomaly
173866

Deuteranomaly
003A67

Tritanomaly
003D51

Monochromacy



Original Color
013A67

Achromatopsia
2E2E2E

Achromatomaly
1E3243

CSS Examples

Text

The CSS property to change the color of the text to Hex 013A67 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 #013A67 looks like.

```
.text, #text, p{  
    color:#013A67  
}
```

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 #013A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013A67
}
```

Border

The CSS property to change the border of an element to Hex 013A67 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
#013A67 }
```

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

```
.border{ border-color:#013A67 }
```

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

Here you see how a box with a 4 pixel #013A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013A67; -webkit-box-shadow:4px 4px  
4px 4px #013A67; box-shadow:4px 4px 4px  
4px #013A67 }
```

Background

The CSS property to change the background color of an element to Hex 013A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013A67 }
```

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

```
.background{ background-color:#013A67 }
```

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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