

Converting Colors

Hex(013C62)

Have a look what the booklet for
Hex(013C62) contains.

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Color

Hex(013C62)

Conversions

Conversions Part 1

Format	Color
Hex	013C62
RGB	1, 60, 98
RGB Percent	0%, 24%, 38%
CMY	0.9961, 0.7647, 0.6157
CMYK	0.99, 0.39, 0.00, 0.62
HSL	204°, 98%, 19%
HSV	204°, 99%, 38%
XYZ	3.8330, 4.1200, 12.1485
YIQ	46.6910, -47.3620, -0.6900

Conversions

Conversions Part 2

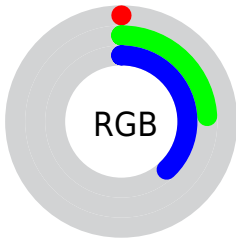
Format	Color
RYB	1, 38, 98
Decimal	80994
CIELab	24.06, -1.23, -27.21
CIELCh	24, 27.235, 267.415
Yxy	4.1200, 0.1907, 0.2050
Android (android.graphics.Color)	4278271074 (0xFF013C62)
YUV	46.6910, 25.2953, -40.0710
Hunter-Lab	20.2978, -1.8137, -21.2773

Details

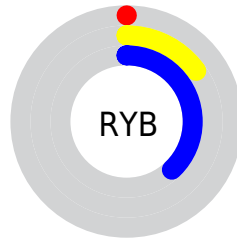
The Hex color **013C62** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **622701**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **436B95**, and **001233** is the 20% darker color. If you saturate the color by 10%, you get **003C62**, and if you desaturate by 10%, it is **0B4062**.

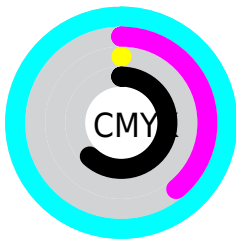
Distribution



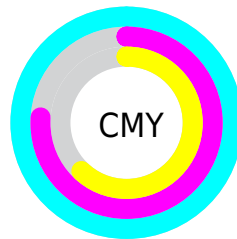
- Red (0%)
- Green (24%)
- Blue (38%)



- Red (0%)
- Yellow (15%)
- Blue (38%)



- Cyan (99%)
- Magenta (39%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 013C62 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 013C62 by changing the saturation by 10% instead.

■ 013C62

■ 013C62

FFFFFF

■ 00274A

■ 436B95

■ 001233

■ 5E84B0

■ 00021E

■ 799ECB

■ 000000

■ 94B9E8

■ B0D5FF

■ CCF1FF

■ E9FFFF

■ 013C62

■ 013C62

■ 003C62

■ 0B4062

■ 154462

■ 1E4862

■ 284B62

■ 324F62

■ 3C5362

■ 465762

■ 4F5B62

■ 595F62

Harmonies

Analogous

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



00415B



013C62



37355E

Triad

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



013C62



5E2928



174122

Complementary

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



013C62



622701

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.



323E13



013C62



563017

Square

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



013C62



5D273C



46380E



004337

Rectangle

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



013C62



4A2F55



46380E



21401C

Sweetspot

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



013C62



597180



016226



293740



BFBFBF



404040

Same Dimension

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



013C62



004E80



010C62



2C2F30



004470



0092F0

Inverse Universe

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



62013C



80004E



625701



302C2F



700044



F00092

Previews

White Background



This preview shows how the Hex color 013C62 looks on a white background.

Color Contrast Check

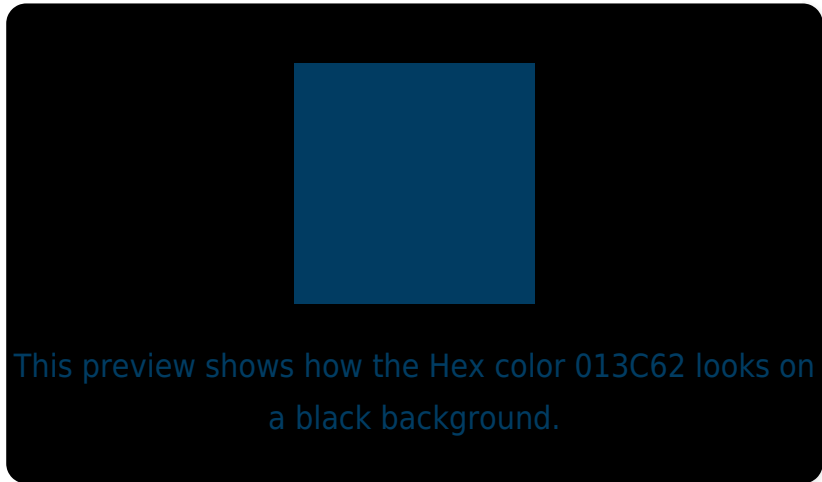
Large Text (above 18pt) WCAG AA ✓ Pass

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

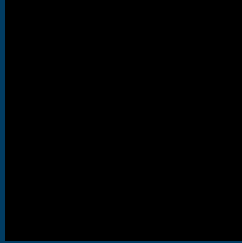
Any Text WCAG AA × Fail

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 013C62 Background



This preview shows how black text looks on a background with the Hex color 013C62.



This preview shows how white text looks on a background with the Hex color 013C62.

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
013C62

Protanopia
2A385F

Deuteranopia
1C3A62

Trichromacy



Original Color
013C62

Protanomaly
1B3960

Deuteranomaly
123B62

Tritanomaly
003F50

Monochromacy



Original Color
013C62

Achromatopsia
2F2F2F

Achromatomaly
1E3442

CSS Examples

Text

The CSS property to change the color of the text to Hex 013C62 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 #013C62 looks like.

```
.text, #text, p{  
    color:#013C62  
}
```

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 #013C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013C62
}
```

Border

The CSS property to change the border of an element to Hex 013C62 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
#013C62 }
```

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

```
.border{ border-color:#013C62 }
```

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

Here you see how a box with a 4 pixel #013C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013C62; -webkit-box-shadow:4px 4px  
4px 4px #013C62; box-shadow:4px 4px 4px  
4px #013C62 }
```

Background

The CSS property to change the background color of an element to Hex 013C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013C62 }
```

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

```
.background{ background-color:#013C62 }
```

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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