

Converting Colors

Hex(023A61)

Have a look what the booklet for
Hex(023A61) contains.

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Color

Hex(023A61)

Conversions

Conversions Part 1

Format	Color
Hex	023A61
RGB	2, 58, 97
RGB Percent	1%, 23%, 38%
CMY	0.9922, 0.7725, 0.6196
CMYK	0.98, 0.40, 0.00, 0.62
HSL	205°, 96%, 19%
HSV	205°, 98%, 38%
XYZ	3.6958, 3.9021, 11.8677
YIQ	45.7020, -45.8950, 0.2570

Conversions

Conversions Part 2

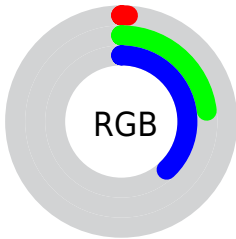
Format	Color
R_{YB}	2, 37, 97
Decimal	146017
CIE _{Lab}	23.35, -0.20, -27.70
CIE _{LCh}	23, 27.700, 269.588
Yxy	3.9021, 0.1899, 0.2005
Android (android.graphics.Color)	4278336097 (0xFF023A61)
YUV	45.7020, 25.2899, -38.3267
Hunter-Lab	19.7537, -1.1730, -21.7927

Details

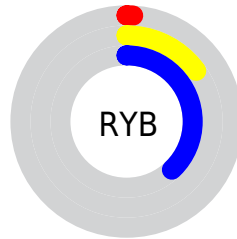
The Hex color **023A61** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **612902**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **436994**, and **000F32** is the 20% darker color. If you saturate the color by 10%, you get **003961**, and if you desaturate by 10%, it is **0C3E61**.

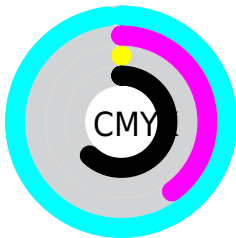
Distribution



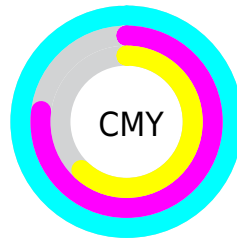
- Red (1%)
- Green (23%)
- Blue (38%)



- Red (1%)
- Yellow (15%)
- Blue (38%)



- Cyan (98%)
- Magenta (40%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023A61 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 023A61 by changing the saturation by 10% instead.



023A61



023A61

FFFFFF



002549



436994



000F32



5E82AF



00021D



799CCA



000000



94B7E6



B0D2FF



CCEEFF



E9FFFF



023A61



023A61

■ 003961

■ 0C3E61

■ 154261

■ 1F4661

■ 294A61

■ 324E61

■ 3C5261

■ 465661

■ 505A61

■ 595E61

Harmonies

Analogous

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



003F5B



023A61



38325C

Triad

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



023A61



5D2724



114022

Complementary

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



023A61



612902

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.



2E3C11



023A61



532F14

Square

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



023A61



5C2539



43360B



004237

Rectangle

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



023A61



4A2C53



43360B



1D3F1B

Sweetspot

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



023A61



596E7D



026128



293740



BFBFBF



404040

Same Dimension

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



023A61



004A7D



020B61



2C2E30



004270



008DF0

Inverse Universe

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



61023A



7D004A



615702



302C2E



700042



F0008D

Previews

White Background



This preview shows how the Hex color 023A61 looks on a white background.

Color Contrast Check

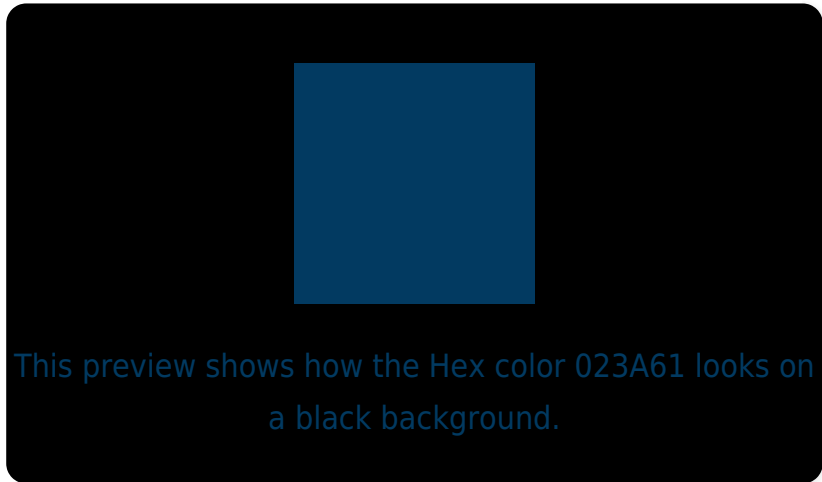
Large Text (above 18pt) WCAG AA ✓ Pass

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

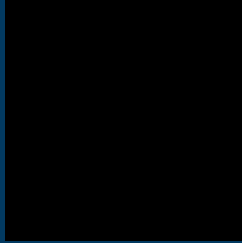
Any Text WCAG AA × Fail

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 023A61 Background



This preview shows how black text looks on a background with the Hex color 023A61.



This preview shows how white text looks on a background with the Hex color 023A61.

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
023A61

Protanopia
28375E

Deuteranopia
173961



Tritanopia
003E43

Trichromacy



Original Color
023A61

Protanomaly
1A385F

Deuteranomaly
0F3961

Tritanomaly
013D4E

Monochromacy



Original Color
023A61

Achromatopsia
2E2E2E

Achromatomaly
1E3241

CSS Examples

Text

The CSS property to change the color of the text to Hex 023A61 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 #023A61 looks like.

```
.text, #text, p{  
    color:#023A61  
}
```

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 #023A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023A61
}
```

Border

The CSS property to change the border of an element to Hex 023A61 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
#023A61 }
```

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

```
.border{ border-color:#023A61 }
```

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

Here you see how a box with a 4 pixel #023A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023A61; -webkit-box-shadow:4px 4px  
4px 4px #023A61; box-shadow:4px 4px 4px  
4px #023A61 }
```

Background

The CSS property to change the background color of an element to Hex 023A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023A61 }
```

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

```
.background{ background-color:#023A61 }
```

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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