

Converting Colors

Hex(003A6A)

Have a look what the booklet for
Hex(003A6A) contains.

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Color

Hex(003A6A)

Conversions

Conversions Part 1

Format	Color
Hex	003A6A
RGB	0, 58, 106
RGB Percent	0%, 23%, 42%
CMY	1.0000, 0.7725, 0.5843
CMYK	1.00, 0.45, 0.00, 0.58
HSL	207°, 100%, 21%
HSV	207°, 100%, 42%
XYZ	4.1146, 4.0667, 14.2038
YIQ	46.1300, -49.9760, 2.6320

Conversions

Conversions Part 2

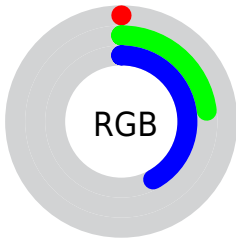
Format	Color
RYB	0, 37, 106
Decimal	14954
CIELab	23.89, 3.62, -32.66
CIElCh	24, 32.855, 276.325
Yxy	4.0667, 0.1838, 0.1817
Android (android.graphics.Color)	4278205034 (0xFF003A6A)
YUV	46.1300, 29.5159, -40.4560
Hunter-Lab	20.1661, 1.1294, -27.6439

Details

The Hex color **003A6A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6A3000**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **45699E**, and **000F3A** is the 20% darker color. If you saturate the color by 10%, you get **003A6A**, and if you desaturate by 10%, it is **0B3F6A**.

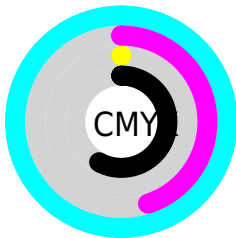
Distribution



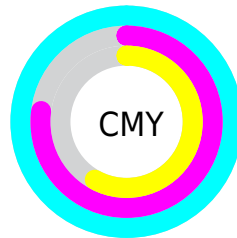
- Red (0%)
- Green (23%)
- Blue (42%)



- Red (0%)
- Yellow (15%)
- Blue (42%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (77%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A6A 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 003A6A by changing the saturation by 10% instead.

003A6A

003A6A

FFFFFF

002552

45699E

000F3A

6082B9

000224

7C9CD5

00000C

97B6F1

000000

B3D2FF

D0EEFF

EDFFFF

003A6A

■ 0B3F6A

■ 15446A

■ 20486A

■ 2A4D6A

■ 35526A

■ 40576A

■ 4A5C6A

■ 55606A

■ 5F656A

Harmonies

Analogous

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



004166



003A6A



403061

Triad

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



003A6A



62261D



004324

Complementary

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



003A6A



6A3000

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.



26400D



003A6A



553009

Square

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



003A6A



652035



403900



00443E

Rectangle

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



003A6A



542955



403900



0B421C

Sweetspot

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



003A6A



60778A



006A30



2C3A45



C4C4C4



454545

Same Dimension

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



003A6A



004B8A



00056A



303336



004075



0086F5

Inverse Universe

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



6A003A



8A004B



6A6500



363033



750040



F50086

Previews

White Background



This preview shows how the Hex color 003A6A looks on a white background.

Color Contrast Check

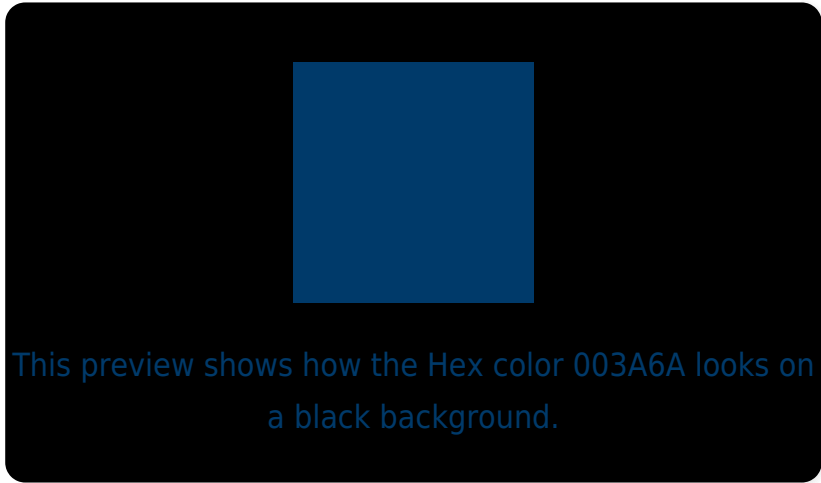
Large Text (above 18pt) WCAG AA ✓ Pass

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

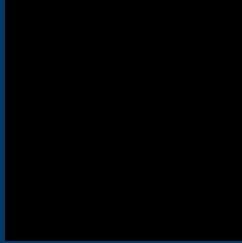
Any Text WCAG AA × Fail

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 003A6A Background



This preview shows how black text looks on a background with the Hex color 003A6A.

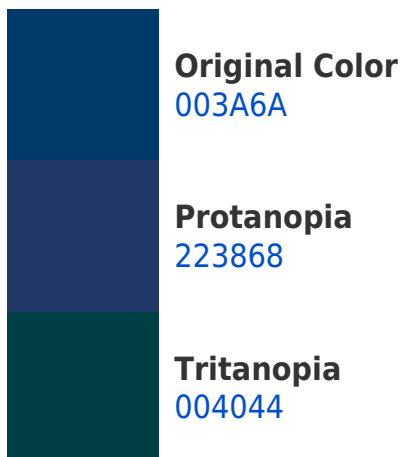


This preview shows how white text looks on a background with the Hex color 003A6A.

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
003A6A

Protanomaly
163969

Tritanomaly
003E52

Monochromacy



Original Color
003A6A

Achromatopsia
2E2E2E

Achromatomaly
1D3244

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A6A 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 #003A6A looks like.

```
.text, #text, p{  
    color:#003A6A  
}
```

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 #003A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A6A
}
```

Border

The CSS property to change the border of an element to Hex 003A6A 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
#003A6A }
```

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

```
.border{ border-color:#003A6A }
```

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

Here you see how a box with a 4 pixel #003A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A6A; -webkit-box-shadow:4px 4px  
4px 4px #003A6A; box-shadow:4px 4px 4px  
4px #003A6A }
```

Background

The CSS property to change the background color of an element to Hex 003A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A6A }
```

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

```
.background{ background-color:#003A6A }
```

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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