

Converting Colors

Hex(053A5A)

Have a look what the booklet for
Hex(053A5A) contains.

Hex(053A5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(053A5A)

Conversions

Conversions Part 1

Format	Color
Hex	053A5A
RGB	5, 58, 90
RGB Percent	2%, 23%, 35%
CMY	0.9804, 0.7725, 0.6471
CMYK	0.94, 0.36, 0.00, 0.65
HSL	203°, 89%, 19%
HSV	203°, 94%, 35%
XYZ	3.4211, 3.7966, 10.2254
YIQ	45.8010, -41.8600, -1.2840

Conversions

Conversions Part 2

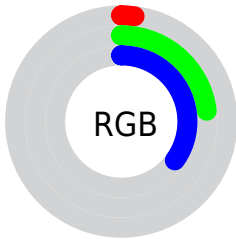
Format	Color
RYB	5, 38, 90
Decimal	342618
CIELab	22.99, -2.96, -23.69
CIELCh	23, 23.873, 262.875
Yxy	3.7966, 0.1961, 0.2177
Android (android.graphics.Color)	4278532698 (0xFF053A5A)
YUV	45.8010, 21.7901, -35.7825
Hunter-Lab	19.4848, -2.7576, -17.4753

Details

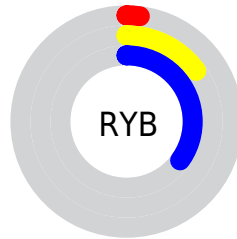
The Hex color **053A5A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A2505**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **42698C**, and **000F2C** is the 20% darker color. If you saturate the color by 10%, you get **00385A**, and if you desaturate by 10%, it is **0E3D5A**.

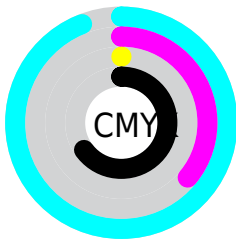
Distribution



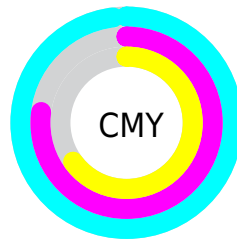
- Red (2%)
- Green (23%)
- Blue (35%)



- Red (2%)
- Yellow (15%)
- Blue (35%)



- Cyan (94%)
- Magenta (36%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 053A5A 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 053A5A by changing the saturation by 10% instead.

■ 053A5A

■ 053A5A

FFFFFF

■ 002542

■ 42698C

■ 000F2C

■ 5D82A7

■ 000117

■ 779CC2

■ 000000

■ 92B7DE

■ AED2FB

■ CAEFFF

■ E6FFFF

■ 053A5A

■ 053A5A

■ 00385A

■ 0E3D5A

■ 17415A

■ 20445A

■ 29485A

■ 324B5A

■ 3B4E5A

■ 44525A

■ 4D555A

■ 56585A

Harmonies

Analogous

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



003E53



053A5A



313458

Triad

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



053A5A



58292A



1E3E21

Complementary

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



053A5A



5A2505

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.



343A15



053A5A



522E1B

Square

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



053A5A



55283C



453412



004032

Rectangle

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



053A5A



422F51



453412



263D1C

Sweetspot

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



053A5A



546975



055A24



27333B



BABABA



3B3B3B

Same Dimension

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



053A5A



004975



05105A



292C2E



00446E



0094ED

Inverse Universe

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



5A053A



750049



5A4F05



2E292C



6E0044



ED0094

Previews

White Background



This preview shows how the Hex color 053A5A looks on a white background.

Color Contrast Check

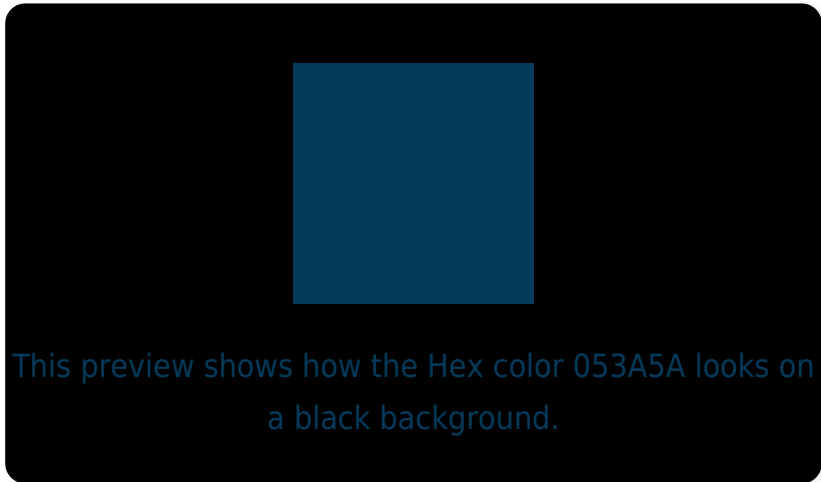
Large Text (above 18pt) WCAG AA ✓ Pass

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

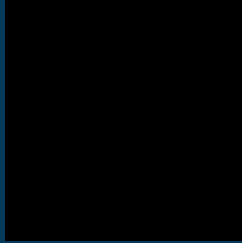
Any Text WCAG AA × Fail

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 053A5A Background



This preview shows how black text looks on a background with the Hex color 053A5A.



This preview shows how white text looks on a background with the Hex color 053A5A.

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
053A5A

Protanopia
2B3657

Deuteranopia
21375B



Tritanopia
003D42

Trichromacy



Original Color
053A5A

Protanomaly
1D3758

Deuteranomaly
17385B

Tritanomaly
023C4B

Monochromacy



Original Color
053A5A

Achromatopsia
2E2E2E

Achromatomaly
1F323E

CSS Examples

Text

The CSS property to change the color of the text to Hex 053A5A 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 #053A5A looks like.

```
.text, #text, p{  
    color:#053A5A  
}
```

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 #053A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053A5A
}
```

Border

The CSS property to change the border of an element to Hex 053A5A 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
#053A5A }
```

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

```
.border{ border-color:#053A5A }
```

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

Here you see how a box with a 4 pixel #053A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053A5A; -webkit-box-shadow:4px 4px  
4px 4px #053A5A; box-shadow:4px 4px 4px  
4px #053A5A }
```

Background

The CSS property to change the background color of an element to Hex 053A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053A5A }
```

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

```
.background{ background-color:#053A5A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor