

Converting Colors

Hex(043A5D)

Have a look what the booklet for
Hex(043A5D) contains.

Hex(043A5D)	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(043A5D)

Conversions

Conversions Part 1

Format	Color
Hex	043A5D
RGB	4, 58, 93
RGB Percent	2%, 23%, 36%
CMY	0.9843, 0.7725, 0.6353
CMYK	0.96, 0.38, 0.00, 0.64
HSL	204°, 92%, 19%
HSV	204°, 96%, 36%
XYZ	3.5389, 3.8422, 10.9110
YIQ	45.8440, -43.4190, -0.5630

Conversions

Conversions Part 2

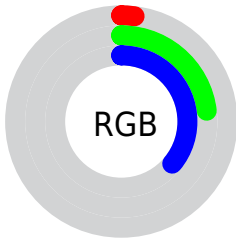
Format	Color
R_{YB}	4, 38, 93
Decimal	277085
CIE Lab	23.14, -1.76, -25.41
CIE LCh	23, 25.469, 266.040
Yxy	3.8422, 0.1935, 0.2100
Android (android.graphics.Color)	4278467165 (0xFF043A5D)
YUV	45.8440, 23.2479, -36.6972
Hunter-Lab	19.6016, -2.0762, -19.2820

Details

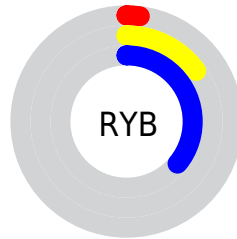
The Hex color **043A5D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D2704**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **436990**, and **000F2F** is the 20% darker color. If you saturate the color by 10%, you get **00385D**, and if you desaturate by 10%, it is **0D3E5D**.

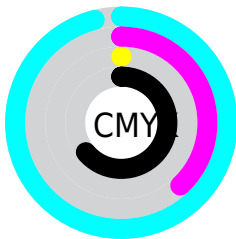
Distribution



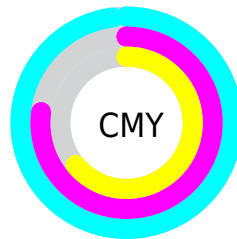
- Red (2%)
- Green (23%)
- Blue (36%)



- Red (2%)
- Yellow (15%)
- Blue (36%)



- Cyan (96%)
- Magenta (38%)
- Yellow (0%)
- Black (64%)



- Cyan (98%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 043A5D 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 043A5D by changing the saturation by 10% instead.

043A5D

043A5D

FFFFFF

002545

436990

000F2F

5D82AA

00011A

789CC6

000000

93B7E2

AED2FE

CBEEFF

E7FFFF

043A5D

043A5D

■ 00385D

■ 0D3E5D

■ 17415D

■ 20455D

■ 29495D

■ 324C5D

■ 3C505D

■ 45545D

■ 4E575D

■ 585B5D

Harmonies

Analogous

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



003E56



043A5D



343359

Triad

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



043A5D



5A2828



193F21

Complementary

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



043A5D



5D2704

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.



313B13



043A5D



522E18

Square

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



043A5D



58273B



443510



004034

Rectangle

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



043A5D



452E52



443510



223E1C

Sweetspot

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



043A5D



556A78



045D26



28353D



BDBDBD



3D3D3D

Same Dimension

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



043A5D



004978



040E5D



292C2E



00436E



0090ED

Inverse Universe

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



5D043A



780049



5D5304



2E292C



6E0043



ED0090

Previews

White Background



This preview shows how the Hex color 043A5D looks on a white background.

Color Contrast Check

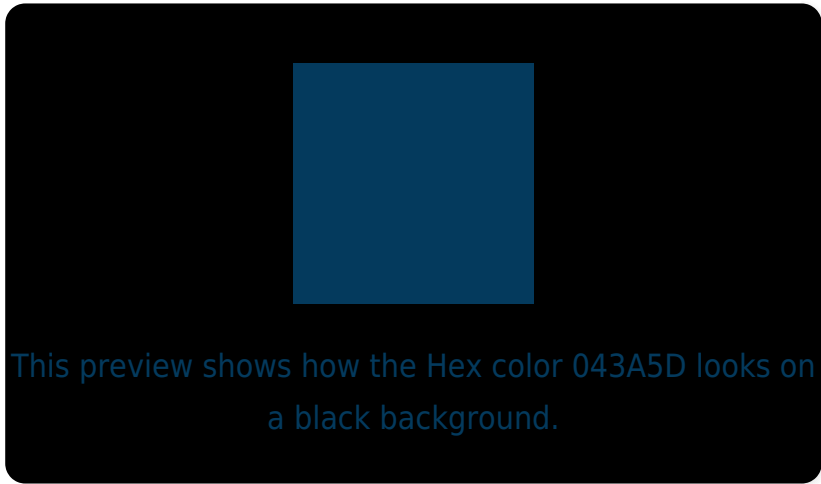
Large Text (above 18pt) WCAG AA ✓ Pass

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

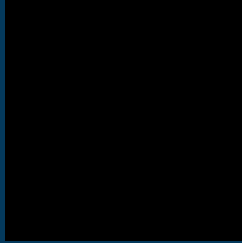
Any Text WCAG AA × Fail

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 043A5D Background



This preview shows how black text looks on a background with the Hex color 043A5D.



This preview shows how white text looks on a background with the Hex color 043A5D.

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
043A5D

Protanopia
2A365A

Deuteranopia
1D385D



Tritanopia
003E42

Trichromacy



Original Color
043A5D

Protanomaly
1C375B

Deuteranomaly
14395D

Tritanomaly
013D4C

Monochromacy



Original Color
043A5D

Achromatopsia
2E2E2E

Achromatomaly
1F323F

CSS Examples

Text

The CSS property to change the color of the text to Hex 043A5D 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 #043A5D looks like.

```
.text, #text, p{  
    color:#043A5D  
}
```

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 #043A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #043A5D
}
```

Border

The CSS property to change the border of an element to Hex 043A5D 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
#043A5D }
```

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

```
.border{ border-color:#043A5D }
```

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

Here you see how a box with a 4 pixel #043A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #043A5D; -webkit-box-shadow:4px 4px  
4px 4px #043A5D; box-shadow:4px 4px 4px  
4px #043A5D }
```

Background

The CSS property to change the background color of an element to Hex 043A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#043A5D }
```

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

```
.background{ background-color:#043A5D }
```

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