

Converting Colors

Hex(043C65)

Have a look what the booklet for
Hex(043C65) contains.

Hex(043C65)	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(043C65)

Conversions

Conversions Part 1

Format	Color
Hex	043C65
RGB	4, 60, 101
RGB Percent	2%, 24%, 40%
CMY	0.9843, 0.7647, 0.6039
CMYK	0.96, 0.41, 0.00, 0.60
HSL	205°, 92%, 21%
HSV	205°, 96%, 40%
XYZ	4.0149, 4.1971, 12.9104
YIQ	47.9300, -46.5370, 0.8790

Conversions

Conversions Part 2

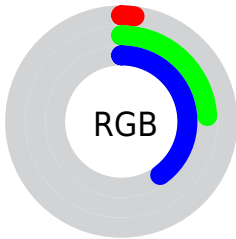
Format	Color
R_{YB}	4, 40, 101
Decimal	277605
CIE _{Lab}	24.31, 0.37, -28.75
CIE _{LCh}	24, 28.753, 270.741
Yxy	4.1971, 0.1901, 0.1987
Android (android.graphics.Color)	4278467685 (0xFF043C65)
YUV	47.9300, 26.1635, -38.5266
Hunter-Lab	20.4869, -0.8706, -23.0226

Details

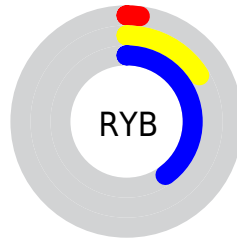
The Hex color **043C65** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **652D04**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **456B98**, and **001236** is the 20% darker color. If you saturate the color by 10%, you get **003A65**, and if you desaturate by 10%, it is **0E4065**.

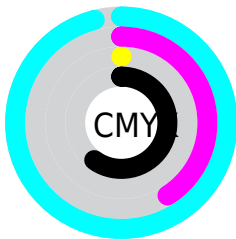
Distribution



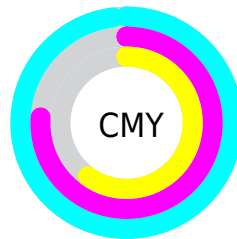
- Red (2%)
- Green (24%)
- Blue (40%)



- Red (2%)
- Yellow (16%)
- Blue (40%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 043C65 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 043C65 by changing the saturation by 10% instead.

■ 043C65

■ 043C65

FFFFFF

■ 00274D

■ 456B98

■ 001236

■ 6084B3

■ 000220

■ 7B9ECF

■ 000004

■ 96B9EB

■ 000000

■ B2D5FF

■ CFF1FF

■ EBFFFF

■ 043C65

■ 043C65

■ 003A65

■ 0E4065

■ 184565

■ 224965

■ 2C4D65

■ 375165

■ 415665

■ 4B5A65

■ 555E65

■ 5F6265

Harmonies

Analogous

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



00415F



043C65



3B345F

Triad

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



043C65



602925



0F4324

Complementary

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



043C65



652D04

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.



2F3F12



043C65



563114

Square

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



043C65



60263A



45390B



00443A

Rectangle

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



043C65



4E2E55



45390B



1D421D

Sweetspot

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



043C65



5C7282



04652C



2B3842



C2C2C2



424242

Same Dimension

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



043C65



004B82



040C65



2E3133



004273



008CF2

Inverse Universe

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



65043C



82004B



655D04



332E31



730042



F2008C

Previews

White Background



This preview shows how the Hex color 043C65 looks on a white background.

Color Contrast Check

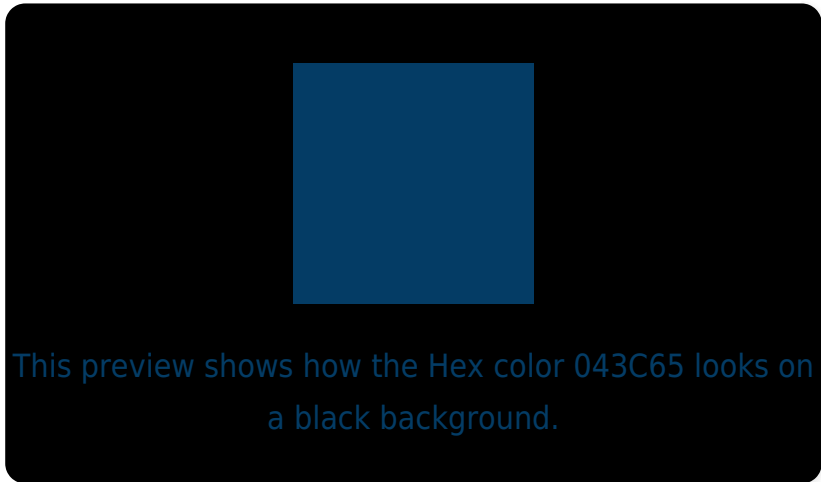
Large Text (above 18pt) WCAG AA ✓ Pass

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

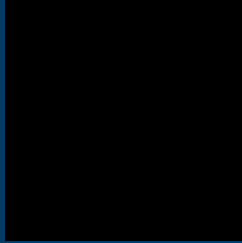
Any Text WCAG AA × Fail

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 043C65 Background



This preview shows how black text looks on a background with the Hex color 043C65.



This preview shows how white text looks on a background with the Hex color 043C65.

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
043C65

Protanopia
293962

Deuteranopia
173B65

Trichromacy



Original Color
043C65

Protanomaly
1C3A63

Deuteranomaly
103B65

Tritanomaly
013F51

Monochromacy



Original Color
043C65

Achromatopsia
303030

Achromatomaly
203443

CSS Examples

Text

The CSS property to change the color of the text to Hex 043C65 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 #043C65 looks like.

```
.text, #text, p{  
    color:#043C65  
}
```

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 #043C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #043C65
}
```

Border

The CSS property to change the border of an element to Hex 043C65 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
#043C65 }
```

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

```
.border{ border-color:#043C65 }
```

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

Here you see how a box with a 4 pixel #043C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #043C65; -webkit-box-shadow:4px 4px  
4px 4px #043C65; box-shadow:4px 4px 4px  
4px #043C65 }
```

Background

The CSS property to change the background color of an element to Hex 043C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#043C65 }
```

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

```
.background{ background-color:#043C65 }
```

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