

Converting Colors

Hex(033C64)

Have a look what the booklet for
Hex(033C64) contains.

Hex(033C64)	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(033C64)

Conversions

Conversions Part 1

Format	Color
Hex	033C64
RGB	3, 60, 100
RGB Percent	1%, 24%, 39%
CMY	0.9882, 0.7647, 0.6078
CMYK	0.97, 0.40, 0.00, 0.61
HSL	205°, 94%, 20%
HSV	205°, 97%, 39%
XYZ	3.9537, 4.1712, 12.6533
YIQ	47.5170, -46.8120, 0.3560

Conversions

Conversions Part 2

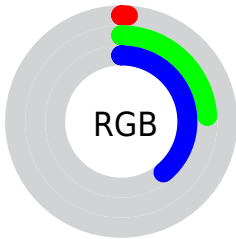
Format	Color
RYB	3, 39, 100
Decimal	212068
CIELab	24.23, -0.16, -28.24
CIELCh	24, 28.238, 269.677
Yxy	4.1712, 0.1903, 0.2007
Android (android.graphics.Color)	4278402148 (0xFF033C64)
YUV	47.5170, 25.8741, -39.0414
Hunter-Lab	20.4235, -1.1863, -22.4366

Details

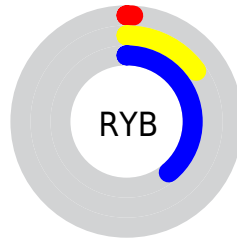
The Hex color **033C64** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **642B03**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **456B97**, and **001235** is the 20% darker color. If you saturate the color by 10%, you get **003B64**, and if you desaturate by 10%, it is **0D4064**.

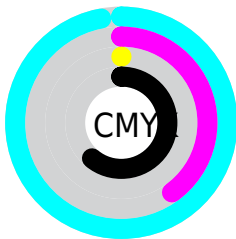
Distribution



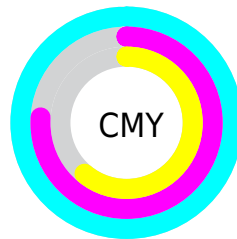
- Red (1%)
- Green (24%)
- Blue (39%)



- Red (1%)
- Yellow (15%)
- Blue (39%)



- Cyan (97%)
- Magenta (40%)
- Yellow (0%)
- Black (61%)



- Cyan (99%)
- Magenta (76%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033C64 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 033C64 by changing the saturation by 10% instead.

033C64

033C64

FFFFFF

00274C

456B97

001235

5F84B2

00021F

7A9ECE

000003

96B9EA

000000

B1D5FF

CEF1FF

EBFFFF

033C64

033C64

■ 003B64

■ 0D4064

■ 174464

■ 214864

■ 2B4C64

■ 355164

■ 3F5564

■ 495964

■ 535D64

■ 5D6164

Harmonies

Analogous

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



00415E



033C64



3A345F

Triad

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



033C64



5F2926



124223

Complementary

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



033C64



642B03

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.



303E12



033C64



563015

Square

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



033C64



5F263B



45380C



004439

Rectangle

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



033C64



4C2E55



45380C



1E411D

Sweetspot

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



033C64



5C7282



03642A



2B3942



C2C2C2



424242

Same Dimension

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



033C64



004C82



030D64



2E3133



004373



008EF2

Inverse Universe

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



64033C



82004C



645A03



332E31



730043



F2008E

Previews

White Background



This preview shows how the Hex color 033C64 looks on a white background.

Color Contrast Check

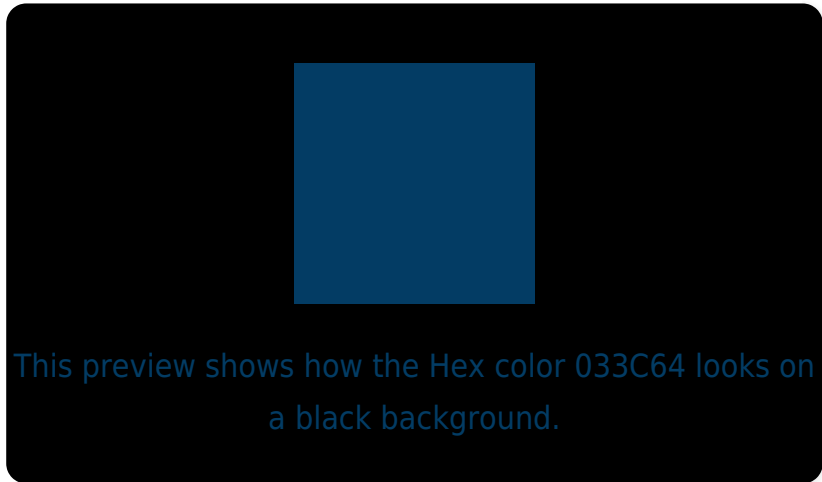
Large Text (above 18pt) WCAG AA ✓ Pass

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

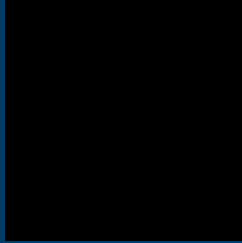
Any Text WCAG AA × Fail

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 033C64 Background



This preview shows how black text looks on a background with the Hex color 033C64.



This preview shows how white text looks on a background with the Hex color 033C64.

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
033C64

Protanopia
293961

Deuteranopia
193B64

Trichromacy



Original Color
033C64

Protanomaly
1B3A62

Deuteranomaly
113B64

Tritanomaly
013F50

Monochromacy



Original Color
033C64

Achromatopsia
303030

Achromatomaly
203443

CSS Examples

Text

The CSS property to change the color of the text to Hex 033C64 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 #033C64 looks like.

```
.text, #text, p{  
    color:#033C64  
}
```

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 #033C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033C64
}
```

Border

The CSS property to change the border of an element to Hex 033C64 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
#033C64 }
```

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

```
.border{ border-color:#033C64 }
```

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

Here you see how a box with a 4 pixel #033C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033C64; -webkit-box-shadow:4px 4px  
4px 4px #033C64; box-shadow:4px 4px 4px  
4px #033C64 }
```

Background

The CSS property to change the background color of an element to Hex 033C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033C64 }
```

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

```
.background{ background-color:#033C64 }
```

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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