

Converting Colors

Hex(043341)

Have a look what the booklet for
Hex(043341) contains.

Hex(043341)	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(043341)

Conversions

Conversions Part 1

Format	Color
Hex	043341
RGB	4, 51, 65
RGB Percent	2%, 20%, 25%
CMY	0.9843, 0.8000, 0.7451
CMYK	0.94, 0.22, 0.00, 0.75
HSL	194°, 88%, 14%
HSV	194°, 94%, 25%
XYZ	2.1880, 2.7751, 5.4214
YIQ	38.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

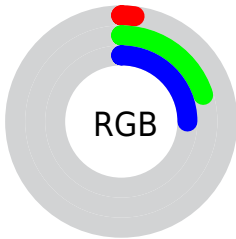
Format	Color
R_YB	4, 31, 65
Decimal	275265
CIE Lab	19.12, -9.14, -13.03
CIE LCh	19, 15.915, 234.936
Yxy	2.7751, 0.2107, 0.2672
Android (android.graphics.Color)	4278465345 (0xFF043341)
YUV	38.5430, 13.0433, -30.2942
Hunter-Lab	16.6587, -5.7077, -7.6341

Details

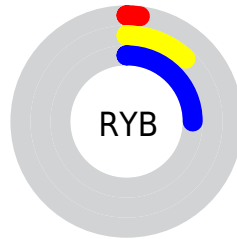
The Hex color **043341** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **411204**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3B6171**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **003241**, and if you desaturate by 10%, it is **0B3441**.

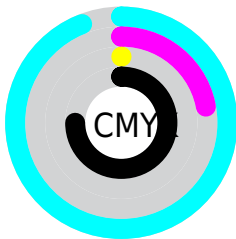
Distribution



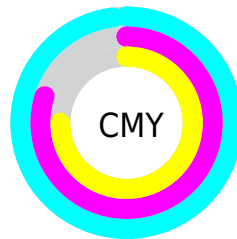
- Red (2%)
- Green (20%)
- Blue (25%)



- Red (2%)
- Yellow (12%)
- Blue (25%)



- Cyan (94%)
- Magenta (22%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 043341 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 043341 by changing the saturation by 10% instead.

043341

043341

F7FFFF

001E2B

3B6171

000117

547A8A

000000

6D94A5

87AFC0

A2CADC

BEE6F8

DAFFFF

043341

043341

■ 003241

■ 0B3441

■ 113641

■ 183741

■ 1E3941

■ 253A41

■ 2B3C41

■ 323D41

■ 383F41

■ 3F4041

Harmonies

Analogous

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



003438



043341



1A3045

Triad

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



043341



432631



2C3119

Complementary

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



043341



411204

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.



382D17



043341



452625

Square

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



043341



3B283C



40291C



1F3321

Rectangle

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



043341



272E45



40291C



303018

Sweetspot

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



043341



3D4F54



044111



1D282B



ABABAB



2B2B2B

Same Dimension

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



043341



004154



041541



1E2021



004B61



00ADE0

Inverse Universe

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



410433



540041



413004



211E20



61004B



E000AD

Previews

White Background



This preview shows how the Hex color 043341 looks on a white background.

Color Contrast Check

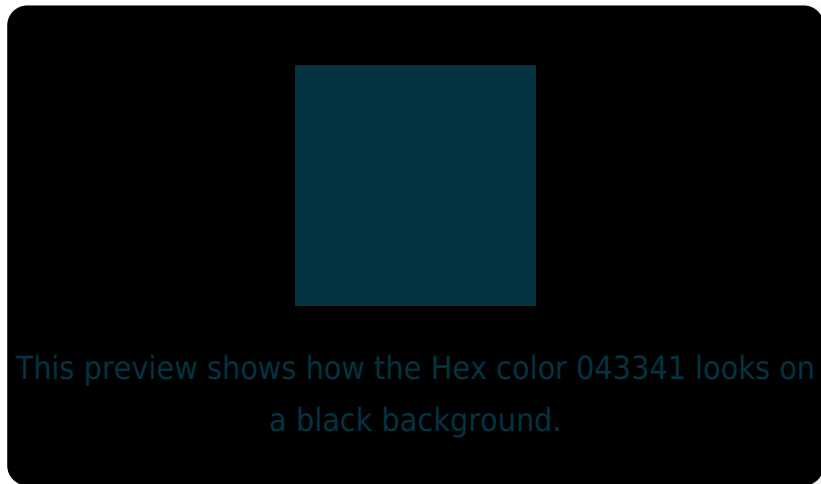
Large Text (above 18pt) WCAG AA ✓ Pass

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

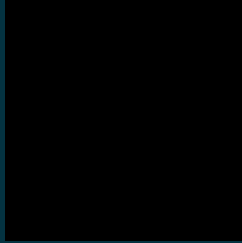
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

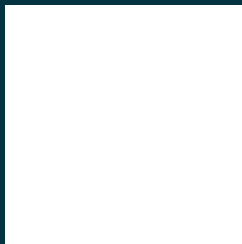
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 043341 Background



This preview shows how black text looks on a background with the Hex color 043341.



This preview shows how white text looks on a background with the Hex color 043341.

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

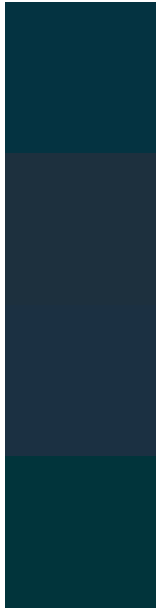


Original Color
043341

Protanopia
2B2E3D

Deuteranopia
282E42

Trichromacy



Original Color
043341

Protanomaly
1D303E

Deuteranomaly
1B3042

Tritanomaly
01343B

Monochromacy



Original Color
043341

Achromatopsia
272727

Achromatomaly
1A2B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 043341 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 #043341 looks like.

```
.text, #text, p{  
    color:#043341  
}
```

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 #043341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #043341
}
```

Border

The CSS property to change the border of an element to Hex 043341 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
#043341 }
```

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

```
.border{ border-color:#043341 }
```

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

Here you see how a box with a 4 pixel #043341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #043341; -webkit-box-shadow:4px 4px  
4px 4px #043341; box-shadow:4px 4px 4px  
4px #043341 }
```

Background

The CSS property to change the background color of an element to Hex 043341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#043341 }
```

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

```
.background{ background-color:#043341 }
```

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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