

Converting Colors

Hex(043538)

Have a look what the booklet for
Hex(043538) contains.

Hex(043538)	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(043538)

Conversions

Conversions Part 1

Format	Color
Hex	043538
RGB	4, 53, 56
RGB Percent	2%, 21%, 22%
CMY	0.9843, 0.7922, 0.7804
CMYK	0.93, 0.05, 0.00, 0.78
HSL	183°, 87%, 12%
HSV	183°, 93%, 22%
XYZ	2.0370, 2.8575, 4.1856
YIQ	38.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

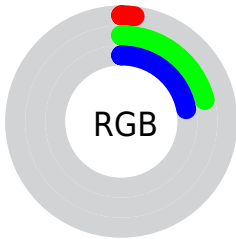
Format	Color
R_{YB}	4, 29, 56
Decimal	275768
CIE _{Lab}	19.46, -13.98, -6.35
CIE _{LCh}	19, 15.354, 204.444
Yxy	2.8575, 0.2243, 0.3147
Android (android.graphics.Color)	4278465848 (0xFF043538)
YUV	38.6910, 8.5333, -30.4240
Hunter-Lab	16.9043, -8.0730, -2.8475

Details

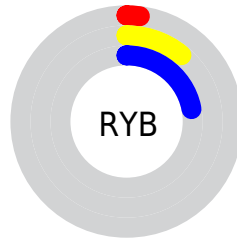
The Hex color **043538** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **380704**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **396467**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **003538**, and if you desaturate by 10%, it is **0A3538**.

Distribution



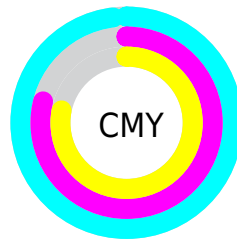
- Red (2%)
- Green (21%)
- Blue (22%)



- Red (2%)
- Yellow (11%)
- Blue (22%)



- Cyan (93%)
- Magenta (5%)
- Yellow (0%)
- Black (78%)



- Cyan (98%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 043538 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 043538 by changing the saturation by 10% instead.

 043538

 043538

 F4FFFF

 002023

 396467

 00010D

 527D80

 000000

 6B979A

 85B2B5

 A0CDD0

 BCE9EC

 D8FFFF

 043538

 043538

■ 003538

■ 0A3538

■ 0F3638

■ 153638

■ 1A3638

■ 203738

■ 263738

■ 2B3738

■ 313838

■ 363838

Harmonies

Analogous

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



12352D



043538



083441

Triad

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



043538



3B293C



382E19

Complementary

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



043538



380704

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.



412A1D



043538



432732

Square

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



043538



2D2D43



452726



2D311A

Rectangle

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



043538



153244



452726



3C2C1A

Sweetspot

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



043538



35494A



043807



192526



A6A6A6



262626

Same Dimension

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



043538



00464A



041B38



191C1C



00575C



00CFDB

Inverse Universe

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



380435



4A0046



382104



1C191C



5C0057



DB00CF

Previews

White Background



This preview shows how the Hex color 043538 looks on a white background.

Color Contrast Check

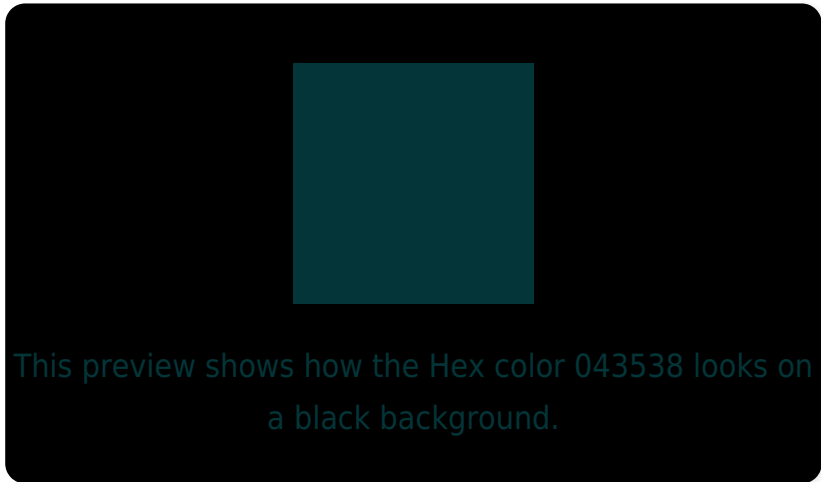
Large Text (above 18pt) WCAG AA ✓ Pass

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

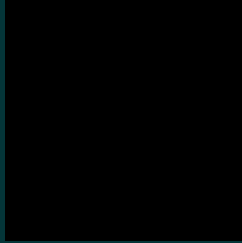
Any Text WCAG AA × Fail

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 043538 Background



This preview shows how black text looks on a background with the Hex color 043538.



This preview shows how white text looks on a background with the Hex color 043538.

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

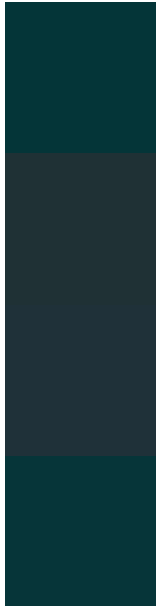


Original Color
043538

Protanopia
2F2F34

Deuteranopia
2F2F39

Trichromacy



Original Color
043538

Protanomaly
1F3135

Deuteranomaly
1F3139

Tritanomaly
063539

Monochromacy



Original Color
043538

Achromatopsia
272727

Achromatomaly
1A2C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 043538 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 #043538 looks like.

```
.text, #text, p{  
    color:#043538  
}
```

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 #043538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #043538
}
```

Border

The CSS property to change the border of an element to Hex 043538 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".

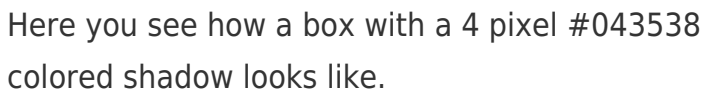
```
.border, #border, table{ border:4px solid
#043538 }
```

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

```
.border{ border-color:#043538 }
```

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

Here you see how a box with a 4 pixel #043538 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #043538; -webkit-box-shadow:4px 4px  
4px 4px #043538; box-shadow:4px 4px 4px  
4px #043538 }
```

Background

The CSS property to change the background color of an element to Hex 043538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#043538 }
```

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

```
.background{ background-color:#043538 }
```

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