

Converting Colors

Hex(043645)

Have a look what the booklet for
Hex(043645) contains.

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Color

Hex(043645)

Conversions

Conversions Part 1

Format	Color
Hex	043645
RGB	4, 54, 69
RGB Percent	2%, 21%, 27%
CMY	0.9843, 0.7882, 0.7294
CMYK	0.94, 0.22, 0.00, 0.73
HSL	194°, 89%, 14%
HSV	194°, 94%, 27%
XYZ	2.4434, 3.0938, 6.0986
YIQ	40.7600, -34.6150, -5.9350

Conversions

Conversions Part 2

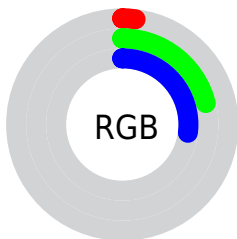
Format	Color
R_{YB}	4, 32, 69
Decimal	276037
CIE Lab	20.42, -9.40, -13.74
CIE LCh	20, 16.643, 235.623
Yxy	3.0938, 0.2100, 0.2659
Android (android.graphics.Color)	4278466117 (0xFF043645)
YUV	40.7600, 13.9223, -32.2385
Hunter-Lab	17.5892, -5.9848, -8.2448

Details

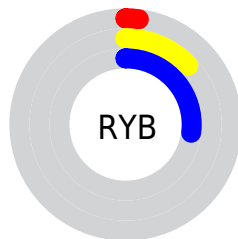
The Hex color **043645** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **451304**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3C6575**, and **00041A** is the 20% darker color. If you saturate the color by 10%, you get **003545**, and if you desaturate by 10%, it is **0B3845**.

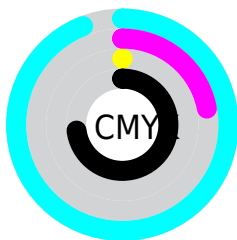
Distribution



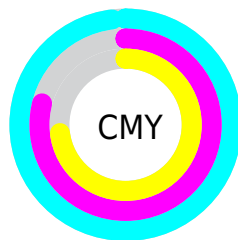
- Red (2%)
- Green (21%)
- Blue (27%)



- Red (2%)
- Yellow (13%)
- Blue (27%)



- Cyan (94%)
- Magenta (22%)
- Yellow (0%)
- Black (73%)




- Cyan (98%)
- Magenta (79%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 043645 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 043645 by changing the saturation by 10% instead.

 043645

 043645

 F9FFFF

 00212F

 3C6575

 00041A

 557E8F

 000000

 6F98A9

 89B2C5

 A4CEE1

 C0EAFD

 DCF8FF

 043645

 043645

■ 003545

■ 0B3845

■ 123945

■ 193B45

■ 203C45

■ 273E45

■ 2D4045

■ 344145

■ 3B4345

■ 424445

Harmonies

Analogous

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



00383B



043645



1C3349

Triad

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



043645



472833



2E341B

Complementary

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



043645



451304

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.



3B3019



043645



492827

Square

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



043645



3F2A3F



442C1D



203623

Rectangle

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



043645



2A3049



442C1D



333219

Sweetspot

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



043645



405359



044512



1E2A2E



ADADAD



2E2E2E

Same Dimension

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



043645



004559



041645



202324



004D63



00AFE3

Inverse Universe

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



450436



590045



453304



242023



63004D



E300AF

Previews

White Background



This preview shows how the Hex color 043645 looks on a white background.

Color Contrast Check

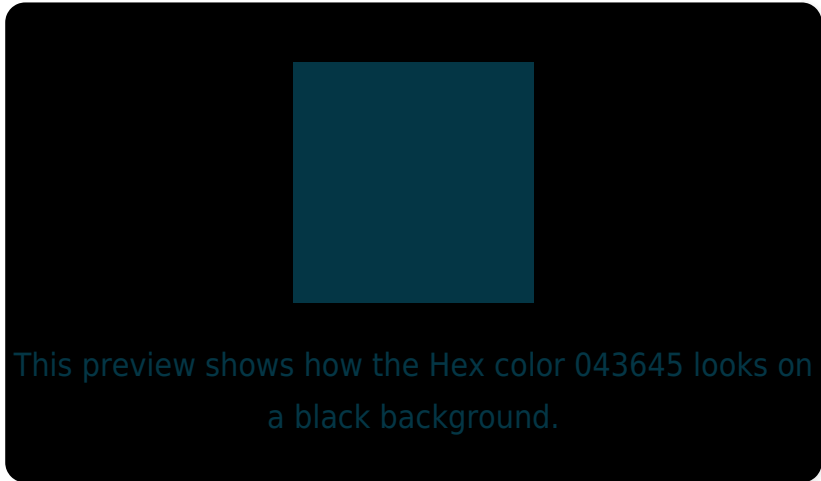
Large Text (above 18pt) WCAG AA ✓ Pass

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

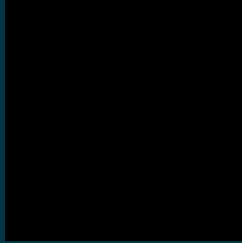
Any Text WCAG AA × Fail

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 043645 Background



This preview shows how black text looks on a background with the Hex color 043645.



This preview shows how white text looks on a background with the Hex color 043645.

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
043645

Protanopia
2D3141

Deuteranopia
2A3146



Tritanopia
00373B

Trichromacy



Original Color
043645

Protanomaly
1E3342

Deuteranomaly
1C3346

Tritanomaly
01373F

Monochromacy



Original Color
043645

Achromatopsia
292929

Achromatomaly
1C2E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 043645 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 #043645 looks like.

```
.text, #text, p{  
    color:#043645  
}
```

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 #043645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #043645
}
```

Border

The CSS property to change the border of an element to Hex 043645 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
#043645 }
```

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

```
.border{ border-color:#043645 }
```

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

Here you see how a box with a 4 pixel #043645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #043645; -webkit-box-shadow:4px 4px  
4px 4px #043645; box-shadow:4px 4px 4px  
4px #043645 }
```

Background

The CSS property to change the background color of an element to Hex 043645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#043645 }
```

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

```
.background{ background-color:#043645 }
```

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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