

Converting Colors

Hex(023744)

Have a look what the booklet for
Hex(023744) contains.

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Color

Hex(023744)

Conversions

Conversions Part 1

Format	Color
Hex	023744
RGB	2, 55, 68
RGB Percent	1%, 22%, 27%
CMY	0.9922, 0.7843, 0.7333
CMYK	0.97, 0.19, 0.00, 0.73
HSL	192°, 94%, 14%
HSV	192°, 97%, 27%
XYZ	2.4346, 3.1626, 5.9510
YIQ	40.6350, -35.7610, -7.1930

Conversions

Conversions Part 2

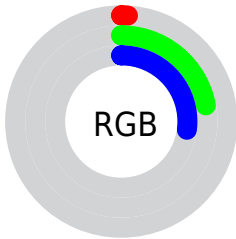
Format	Color
R_{YB}	2, 31, 68
Decimal	145220
CIE _{Lab}	20.68, -10.73, -12.65
CIE _{LCh}	21, 16.589, 229.698
Yxy	3.1626, 0.2108, 0.2739
Android (android.graphics.Color)	4278335300 (0xFF023744)
YUV	40.6350, 13.4909, -33.8829
Hunter-Lab	17.7838, -6.6849, -7.3915

Details

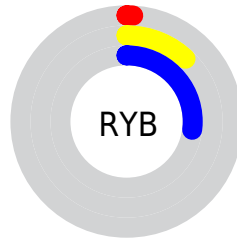
The Hex color **023744** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **440F02**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3B6674**, and **00061A** is the 20% darker color. If you saturate the color by 10%, you get **003744**, and if you desaturate by 10%, it is **093844**.

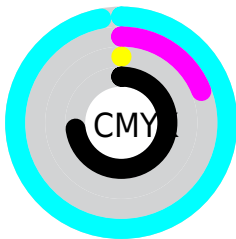
Distribution



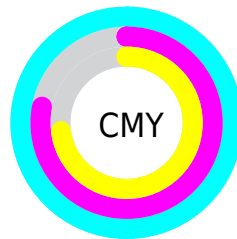
- Red (1%)
- Green (22%)
- Blue (27%)



- Red (1%)
- Yellow (12%)
- Blue (27%)



- Cyan (97%)
- Magenta (19%)
- Yellow (0%)
- Black (73%)



- Cyan (99%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023744 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 023744 by changing the saturation by 10% instead.

 023744

 023744

 F8FFFF

 00222E

 3B6674

 00061A

 547F8E

 000000

 6E99A8

 88B4C3

 A3CFDF

 BFEBFC

 DBFFFF

 023744

 023744

■ 003744

■ 093844

■ 103A44

■ 163B44

■ 1D3C44

■ 243E44

■ 2B3F44

■ 324044

■ 384244

■ 3F4344

Harmonies

Analogous

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



02383A



023744



18344A

Triad

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



023744



472937



32341A

Complementary

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



023744



440F02

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.



3D301A



023744



4A292A

Square

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



023744



3D2C42



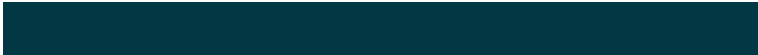
462B20



243622

Rectangle

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



023744



26324A



462B20



363219

Sweetspot

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



023744



3F5459



02440E



1E2B2E



ADADAD



2E2E2E

Same Dimension

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



023744



004859



021744



1E2021



004E61



00B4E0

Inverse Universe

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



440237



590048



442F02



211E20



61004E



E000B4

Previews

White Background



This preview shows how the Hex color 023744 looks on a white background.

Color Contrast Check

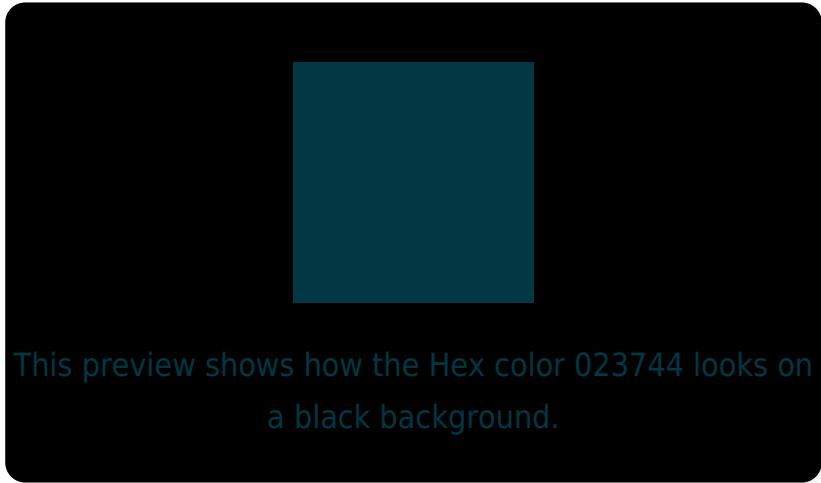
Large Text (above 18pt) WCAG AA ✓ Pass

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

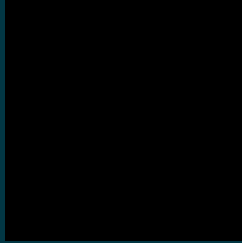
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

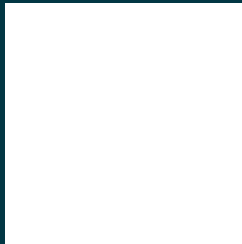
Any Text WCAG AAA × Fail

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

Hex 023744 Background



This preview shows how black text looks on a background with the Hex color 023744.



This preview shows how white text looks on a background with the Hex color 023744.

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
023744

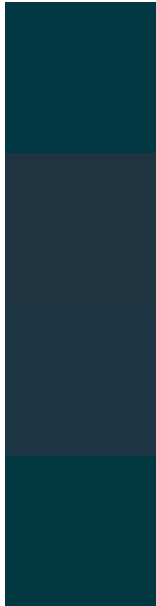
Protanopia
2F3240

Deuteranopia
2C3245



Tritanopia
00383C

Trichromacy



Original Color
023744

Protanomaly
1F3441

Deuteranomaly
1D3445

Tritanomaly
01383F

Monochromacy



Original Color
023744

Achromatopsia
292929

Achromatomaly
1B2E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 023744 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 #023744 looks like.

```
.text, #text, p{  
    color:#023744  
}
```

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 #023744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023744
}
```

Border

The CSS property to change the border of an element to Hex 023744 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".

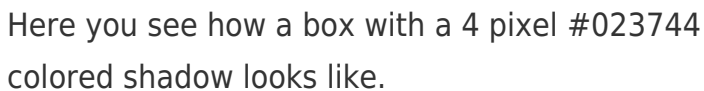
```
.border, #border, table{ border:4px solid
#023744 }
```

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

```
.border{ border-color:#023744 }
```

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

Here you see how a box with a 4 pixel #023744 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 #023744; -webkit-box-shadow:4px 4px  
4px 4px #023744; box-shadow:4px 4px 4px  
4px #023744 }
```

Background

The CSS property to change the background color of an element to Hex 023744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023744 }
```

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

```
.background{ background-color:#023744 }
```

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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