

Converting Colors

Hex(063244)

Have a look what the booklet for
Hex(063244) contains.

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Color

Hex(063244)

Conversions

Conversions Part 1

Format	Color
Hex	063244
RGB	6, 50, 68
RGB Percent	2%, 20%, 27%
CMY	0.9765, 0.8039, 0.7333
CMYK	0.91, 0.26, 0.00, 0.73
HSL	197°, 84%, 15%
HSV	197°, 91%, 27%
XYZ	2.2591, 2.7373, 5.8781
YIQ	38.8960, -32.0020, -3.7300

Conversions

Conversions Part 2

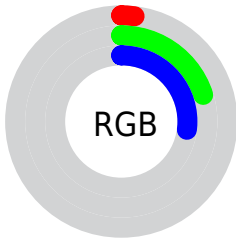
Format	Color
RYB	6, 32, 68
Decimal	406084
CIELab	18.96, -6.93, -15.31
CIELCh	19, 16.808, 245.658
Yxy	2.7373, 0.2077, 0.2517
Android (android.graphics.Color)	4278596164 (0xFF063244)
YUV	38.8960, 14.3483, -28.8498
Hunter-Lab	16.5447, -4.5800, -9.4837

Details

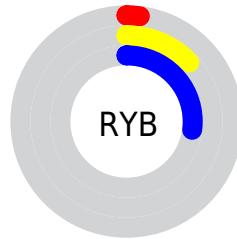
The Hex color **063244** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **441806**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3C6074**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **003044**, and if you desaturate by 10%, it is **0D3444**.

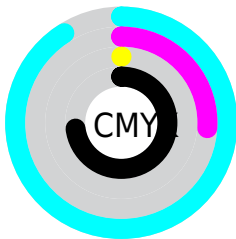
Distribution



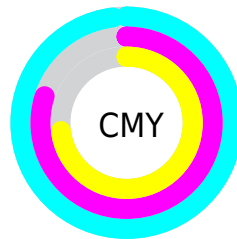
- Red (2%)
- Green (20%)
- Blue (27%)



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



- Cyan (91%)
- Magenta (26%)
- Yellow (0%)
- Black (73%)



- Cyan (98%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063244 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 063244 by changing the saturation by 10% instead.

 063244

 063244

 F9FFFF

 001D2E

 3C6074

 000119

 55798E

 000000

 6F93A8

 89ADC3

 A4C9DF

 C0E5FC

 DCFFFF

 063244

 063244

■ 003044

■ 0D3444

■ 143644

■ 1A3844

■ 213A44

■ 283C44

■ 2F3E44

■ 364044

■ 3C4244

■ 434444

Harmonies

Analogous

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



00343C



063244



1F2F46

Triad

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



063244



45242C



27321A

Complementary

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



063244



441806

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.



342E15



063244



442620

Square

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



063244



3F2638



3E2A18



173424

Rectangle

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



063244



2D2C44



3E2A18



2B3118

Sweetspot

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



063244



415259



064418



1F2A2E



ADADAD



2E2E2E

Same Dimension

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



063244



003F59



061344



1E2021



004561



009FE0

Inverse Universe

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



440632



59003F



443706



211E20



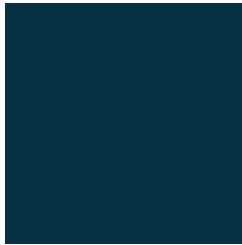
610045



E0009F

Previews

White Background



This preview shows how the Hex color 063244 looks on a white background.

Color Contrast Check

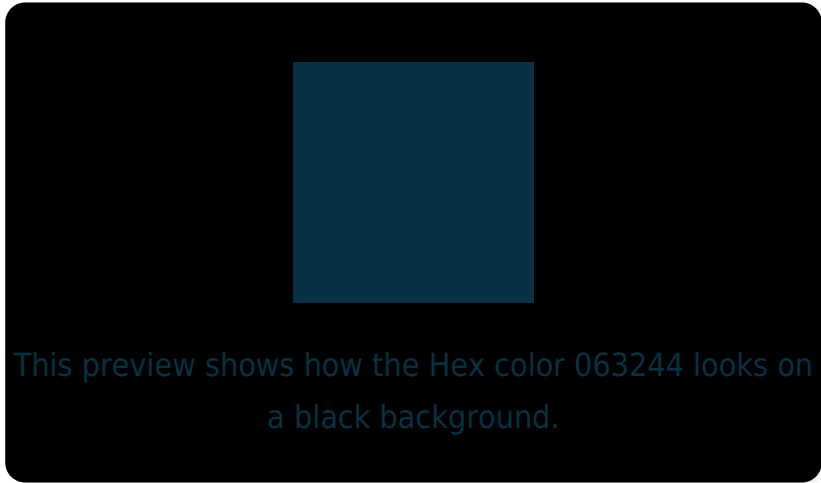
Large Text (above 18pt) WCAG AA ✓ Pass

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

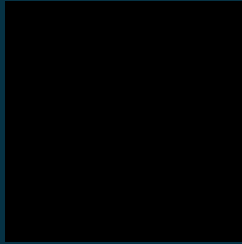
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

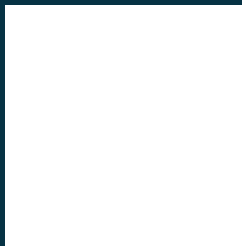
Any Text WCAG AAA × Fail

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

Hex 063244 Background



This preview shows how black text looks on a background with the Hex color 063244.



This preview shows how white text looks on a background with the Hex color 063244.

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
063244

Protanopia
292E41

Deuteranopia
252E45

Trichromacy



Original Color
063244

Protanomaly
1C2F42

Deuteranomaly
1A2F45

Tritanomaly
02333C

Monochromacy



Original Color
063244

Achromatopsia
272727

Achromatomaly
1B2B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 063244 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 #063244 looks like.

```
.text, #text, p{  
    color:#063244  
}
```

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 #063244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063244
}
```

Border

The CSS property to change the border of an element to Hex 063244 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".

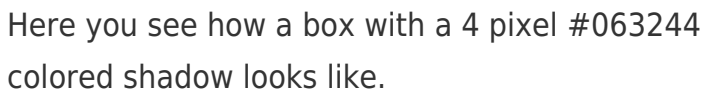
```
.border, #border, table{ border:4px solid
#063244 }
```

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

```
.border{ border-color:#063244 }
```

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

Here you see how a box with a 4 pixel #063244 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 #063244; -webkit-box-shadow:4px 4px  
4px 4px #063244; box-shadow:4px 4px 4px  
4px #063244 }
```

Background

The CSS property to change the background color of an element to Hex 063244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063244 }
```

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

```
.background{ background-color:#063244 }
```

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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