

Converting Colors

Hex(063223)

Have a look what the booklet for
Hex(063223) contains.

Hex(063223)	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(063223)

Conversions

Conversions Part 1

Format	Color
Hex	063223
RGB	6, 50, 35
RGB Percent	2%, 20%, 14%
CMY	0.9765, 0.8039, 0.8627
CMYK	0.88, 0.00, 0.30, 0.80
HSL	160°, 79%, 11%
HSV	160°, 88%, 20%
XYZ	1.5191, 2.4413, 1.9813
YIQ	35.1340, -21.4090, -13.9930

Conversions

Conversions Part 2

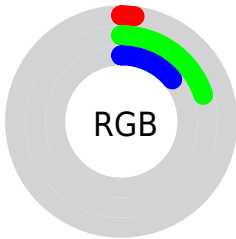
Format	Color
RYB	6, 33, 50
Decimal	406051
CIELab	17.65, -19.10, 5.41
CIELCh	18, 19.854, 164.175
Yxy	2.4413, 0.2557, 0.4109
Android (android.graphics.Color)	4278596131 (0xFF063223)
YUV	35.1340, -0.0661, -25.5505
Hunter-Lab	15.6246, -9.9885, 3.4190

Details

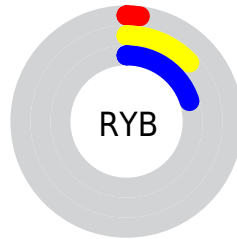
The Hex color **063223** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320615**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **37614F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **013221**, and if you desaturate by 10%, it is **0B3225**.

Distribution



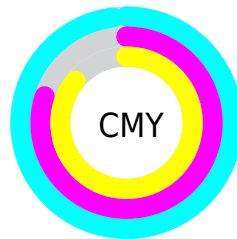
- Red (2%)
- Green (20%)
- Blue (14%)



- Red (2%)
- Yellow (13%)
- Blue (20%)



- Cyan (88%)
- Magenta (0%)
- Yellow (30%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063223 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 063223 by changing the saturation by 10% instead.

 063223

 063223

 F0FFFF

 001E0E

 37614F

 000000

 4F7A67

 689480

 82AE9A

 9CCAB5

 B8E6D1

 D4FFED

 063223

 063223

■ 013221

■ 0B3225

■ 003221

■ 103226

■ 153228

■ 1A322A

■ 1F322C

■ 24322D

■ 29322F

■ 2E3231

■ 333232

Harmonies

Analogous

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



1D3016



063223



003332

Triad

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



063223



202A47



432318

Complementary

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



063223



320615

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.



461F25



063223



352540

Square

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



063223



002F47



422033



3A280F

Rectangle

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



063223



00323B



422033



45211C

Sweetspot

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



063223



2F403A



153206



17211E



A1A1A1



212121

Same Dimension

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



063223



00402A



062B32



171A19



00593B



00D98F

Inverse Universe

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



320615



400016



320D06



1A1718



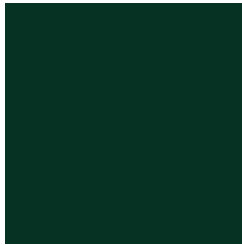
59001E



D9004A

Previews

White Background



This preview shows how the Hex color 063223 looks on a white background.

Color Contrast Check

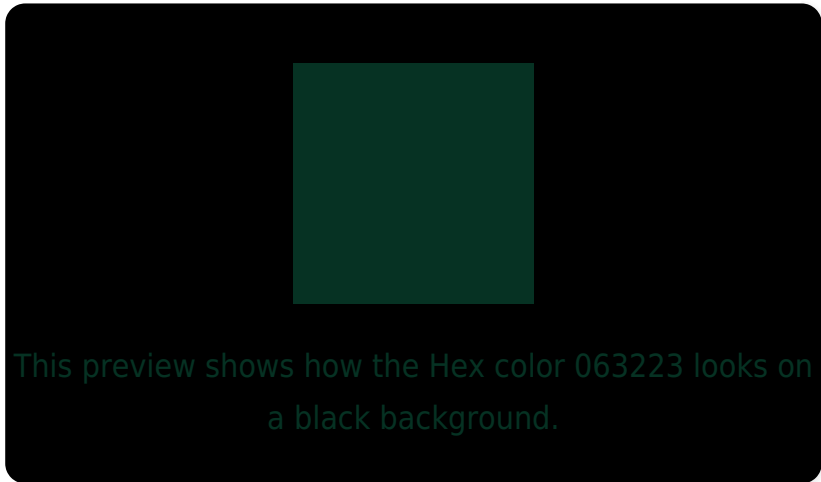
Large Text (above 18pt) WCAG AA ✓ Pass

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

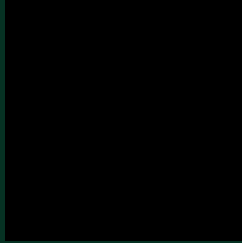
Any Text WCAG AA × Fail

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 063223 Background



This preview shows how black text looks on a background with the Hex color 063223.



This preview shows how white text looks on a background with the Hex color 063223.

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
063223

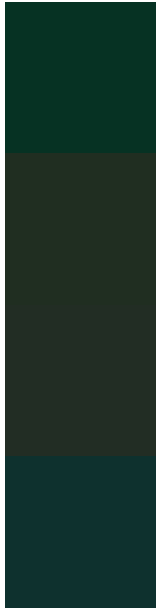
Protanopia
2F2C20

Deuteranopia
322A25



Tritanopia
123034

Trichromacy



Original Color
063223

Protanomaly
202E21

Deuteranomaly
222D24

Tritanomaly
0E312E

Monochromacy



Original Color
063223

Achromatopsia
232323

Achromatomaly
182823

CSS Examples

Text

The CSS property to change the color of the text to Hex 063223 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 #063223 looks like.

```
.text, #text, p{  
    color:#063223  
}
```

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 #063223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063223
}
```

Border

The CSS property to change the border of an element to Hex 063223 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".

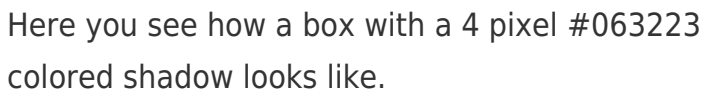
```
.border, #border, table{ border:4px solid
#063223 }
```

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

```
.border{ border-color:#063223 }
```

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

Here you see how a box with a 4 pixel #063223 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063223; -webkit-box-shadow:4px 4px  
4px 4px #063223; box-shadow:4px 4px 4px  
4px #063223 }
```

Background

The CSS property to change the background color of an element to Hex 063223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063223 }
```

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

```
.background{ background-color:#063223 }
```

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