

Converting Colors

Hex(063151)

Have a look what the booklet for
Hex(063151) contains.

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Color

Hex(063151)

Conversions

Conversions Part 1

Format	Color
Hex	063151
RGB	6, 49, 81
RGB Percent	2%, 19%, 32%
CMY	0.9765, 0.8078, 0.6824
CMYK	0.93, 0.40, 0.00, 0.68
HSL	206°, 86%, 17%
HSV	206°, 93%, 32%
XYZ	2.6586, 2.8294, 8.1906
YIQ	39.7910, -35.9000, 0.8360

Conversions

Conversions Part 2

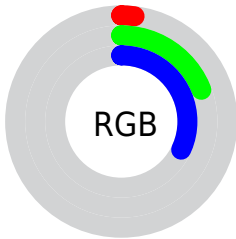
Format	Color
R_{YB}	6, 33, 81
Decimal	405841
CIE _{Lab}	19.35, -0.58, -23.48
CIE _{LCh}	19, 23.490, 268.582
Yxy	2.8294, 0.1944, 0.2068
Android (android.graphics.Color)	4278595921 (0xFF063151)
YUV	39.7910, 20.3160, -29.6347
Hunter-Lab	16.8209, -1.2238, -17.0954

Details

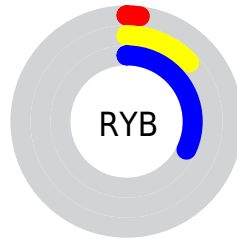
The Hex color **063151** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **512606**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **405F83**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **002E51**, and if you desaturate by 10%, it is **0E3451**.

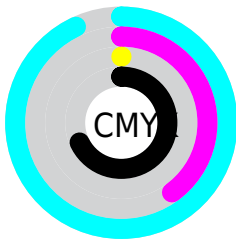
Distribution



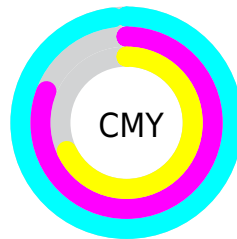
- Red (2%)
- Green (19%)
- Blue (32%)



- Red (2%)
- Yellow (13%)
- Blue (32%)



- Cyan (93%)
- Magenta (40%)
- Yellow (0%)
- Black (68%)



- Cyan (98%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063151 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 063151 by changing the saturation by 10% instead.

■ 063151

■ 063151

FFFFFF

■ 001C3A

■ 405F83

■ 000224

■ 5A779D

■ 00000C

■ 7491B8

■ 000000

■ 8EACD3

■ AAC7F0

■ C5E3FF

■ E2FFFF

■ 063151

■ 063151

■ 002E51

■ 0E3451

■ 163851

■ 1E3B51

■ 263F51

■ 2F4251

■ 374651

■ 3F4951

■ 474D51

■ 4F5051

Harmonies

Analogous

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



00354C



063151



2E2B4D

Triad

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



063151



4E2220



11361C

Complementary

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



063151



512606

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.



28330F



063151



462712

Square

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



063151



4D2030



392E0A



00372D

Rectangle

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



063151



3D2646



392E0A



1A3517

Sweetspot

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



063151



4B5C69



065125



232E36



B5B5B5



363636

Same Dimension

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



063151



003C69



060C51



252729



0085E8

Inverse Universe

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



510631



69003C



514B06



292527



E80085

Previews

White Background



This preview shows how the Hex color 063151 looks on a white background.

Color Contrast Check

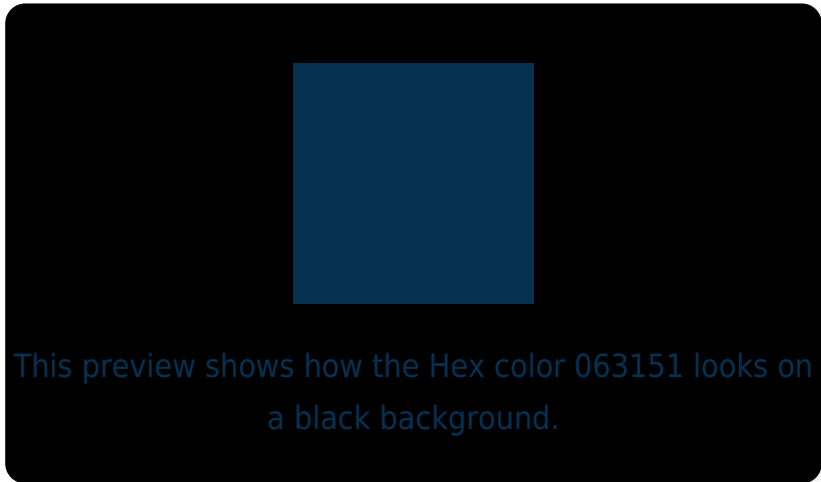
Large Text (above 18pt) WCAG AA ✓ Pass

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

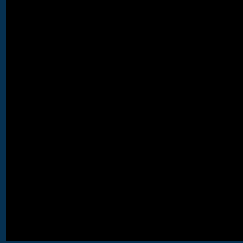
Any Text WCAG AA × Fail

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 063151 Background



This preview shows how black text looks on a background with the Hex color 063151.



This preview shows how white text looks on a background with the Hex color 063151.

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
063151

Protanopia
222E4E

Deuteranopia
163051



Tritanopia
003538

Trichromacy



Original Color
063151

Protanomaly
182F4F

Deuteranomaly
103051

Tritanomaly
023441

Monochromacy



Original Color
063151

Achromatopsia
282828

Achromatomaly
1C2B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 063151 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 #063151 looks like.

```
.text, #text, p{  
    color:#063151  
}
```

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 #063151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063151
}
```

Border

The CSS property to change the border of an element to Hex 063151 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
#063151 }
```

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

```
.border{ border-color:#063151 }
```

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

Here you see how a box with a 4 pixel #063151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063151; -webkit-box-shadow:4px 4px  
4px 4px #063151; box-shadow:4px 4px 4px  
4px #063151 }
```

Background

The CSS property to change the background color of an element to Hex 063151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063151 }
```

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

```
.background{ background-color:#063151 }
```

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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