

Converting Colors

Hex(063555)

Have a look what the booklet for
Hex(063555) contains.

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Color

Hex(063555)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 063555 |
| RGB | 6, 53, 85 |
| RGB Percent | 2%, 21%, 33% |
| CMY | 0.9765, 0.7922, 0.6667 |
| CMYK | 0.93, 0.38, 0.00, 0.67 |
| HSL | 204°, 87%, 18% |
| HSV | 204°, 93%, 33% |
| XYZ | 2.9879, 3.2408, 9.0624 |
| YIQ | 42.5950, -38.2840, -0.0120 |

Conversions

Conversions Part 2

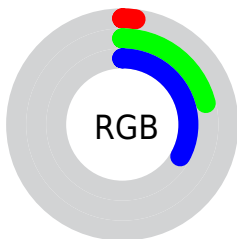
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 6, 35, 85 |
| Decimal | 406869 |
| CIE Lab | 20.98, -1.61, -23.56 |
| CIE LCh | 21, 23.612, 266.091 |
| Yxy | 3.2408, 0.1954, 0.2119 |
| Android (android.graphics.Color) | 4278596949 (0xFF063555) |
| YUV | 42.5950, 20.9057, -32.0938 |
| Hunter-Lab | 18.0022, -1.8775, -17.2452 |

Details

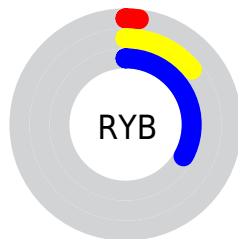
The Hex color **063555** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **552606**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **416387**, and **000728** is the 20% darker color. If you saturate the color by 10%, you get **003355**, and if you desaturate by 10%, it is **0F3855**.

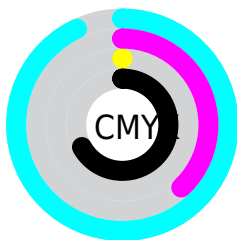
Distribution



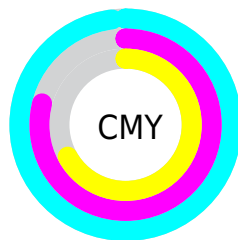
- Red (2%)
- Green (21%)
- Blue (33%)



- Red (2%)
- Yellow (14%)
- Blue (33%)



- Cyan (93%)
- Magenta (38%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063555 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 063555 by changing the saturation by 10% instead.

063555

063555

FFFFFF

00203E

416387

000728

5B7CA1

000112

7596BC

000000

90B1D8

ABCCF5

C8E8FF

E4FFFF

063555

063555

■ 003355

■ 0F3855

■ 173C55

■ 1F3F55

■ 284355

■ 304655

■ 394A55

■ 424D55

■ 4A5155

■ 525455

Harmonies

Analogous

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



00394F



063555



302F52

Triad

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



063555



522524



17391E

Complementary

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



063555



552606

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.



2D3612



063555



4B2A16

Square

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



063555



512435



3E310E



003B30

Rectangle

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



063555



402A4B



3E310E



203819

Sweetspot

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



063555



4F616E



065526



253038



B8B8B8



383838

Same Dimension

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



063555



00416E



060E55



272A2B



00406B



008CEB

Inverse Universe

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



550635



6E0041



554D06



2B272A



6B0040



EB008C

Previews

White Background



This preview shows how the Hex color 063555 looks on a white background.

Color Contrast Check

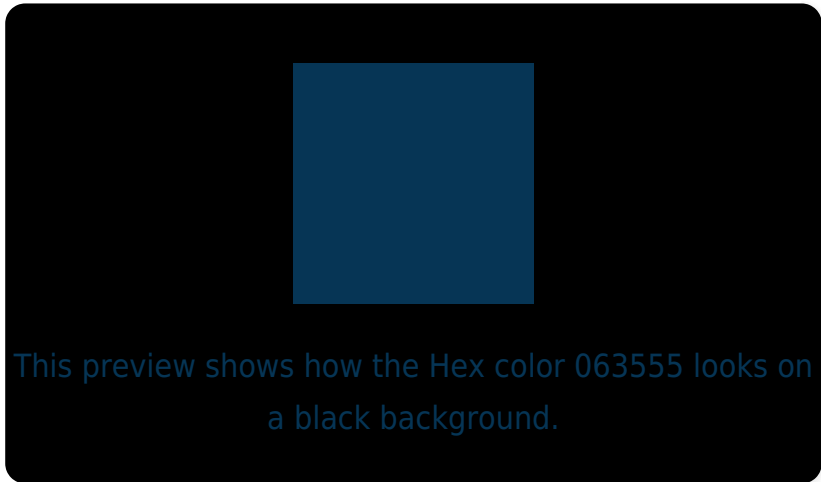
Large Text (above 18pt) WCAG AA ✓ Pass

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

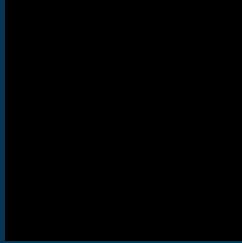
Any Text WCAG AA × Fail

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 063555 Background



This preview shows how black text looks on a background with the Hex color 063555.



This preview shows how white text looks on a background with the Hex color 063555.

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
063555

Protanopia
263252

Deuteranopia
1B3355



Tritanopia
00393D

Trichromacy



Original Color
063555

Protanomaly
1A3353

Deuteranomaly
133455

Tritanomaly
023846

Monochromacy



Original Color
063555

Achromatopsia
2B2B2B

Achromatomaly
1E2F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 063555 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 #063555 looks like.

```
.text, #text, p{  
    color:#063555  
}
```

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 #063555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063555
}
```

Border

The CSS property to change the border of an element to Hex 063555 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".

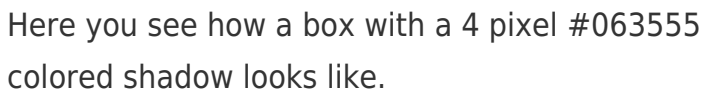
```
.border, #border, table{ border:4px solid
#063555 }
```

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

```
.border{ border-color:#063555 }
```

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

Here you see how a box with a 4 pixel #063555 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063555; -webkit-box-shadow:4px 4px  
4px 4px #063555; box-shadow:4px 4px 4px  
4px #063555 }
```

Background

The CSS property to change the background color of an element to Hex 063555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063555 }
```

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

```
.background{ background-color:#063555 }
```

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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