

Converting Colors

Hex(063167)

Have a look what the booklet for
Hex(063167) contains.

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Color

Hex(063167)

Conversions

Conversions Part 1

Format	Color
Hex	063167
RGB	6, 49, 103
RGB Percent	2%, 19%, 40%
CMY	0.9765, 0.8078, 0.5961
CMYK	0.94, 0.52, 0.00, 0.60
HSL	213°, 89%, 21%
HSV	213°, 94%, 40%
XYZ	3.6216, 3.2146, 13.2616
YIQ	42.2990, -42.9620, 7.6780

Conversions

Conversions Part 2

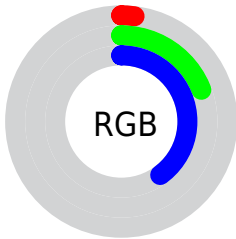
Format	Color
RYB	6, 36, 103
Decimal	405863
CIELab	20.88, 9.27, -35.55
CIELCh	21, 36.735, 284.616
Yxy	3.2146, 0.1802, 0.1599
Android (android.graphics.Color)	4278595943 (0xFF063167)
YUV	42.2990, 29.9256, -31.8342
Hunter-Lab	17.9294, 4.6793, -31.3037

Details

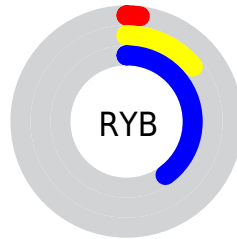
The Hex color **063167** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **673C06**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **475F9B**, and **000137** is the 20% darker color. If you saturate the color by 10%, you get **002E67**, and if you desaturate by 10%, it is **103767**.

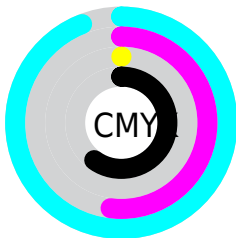
Distribution



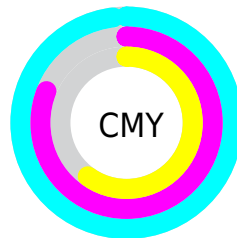
- Red (2%)
- Green (19%)
- Blue (40%)



- Red (2%)
- Yellow (14%)
- Blue (40%)



- Cyan (94%)
- Magenta (52%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (81%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063167 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 063167 by changing the saturation by 10% instead.

063167

063167

FFFFFF

001D4F

475F9B

000137

6277B6

000221

7D91D1

000006

98ABEE

000000

B4C6FF

D1E2FF

EEFFFF

063167

063167

■ 002E67

■ 103767

■ 1B3C67

■ 254267

■ 2F4867

■ 3A4E67

■ 445367

■ 4E5967

■ 585F67

■ 636567

Harmonies

Analogous

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



003967



063167



442459

Triad

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



063167



5A1F0C



003D23

Complementary

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



063167



673C06

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.



103B06



063167



4A2C00

Square

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



063167



621426



333500



003E3F

Rectangle

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



063167



551B4A



333500



003D1A

Sweetspot

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



063167



617287



06673B



2D3845



C4C4C4



454545

Same Dimension

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



063167



003C87



0B0667



2E3033



003373



006BF2

Inverse Universe

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



670631



87003C



626706



332E30



730033



F2006B

Previews

White Background



This preview shows how the Hex color 063167 looks on a white background.

Color Contrast Check

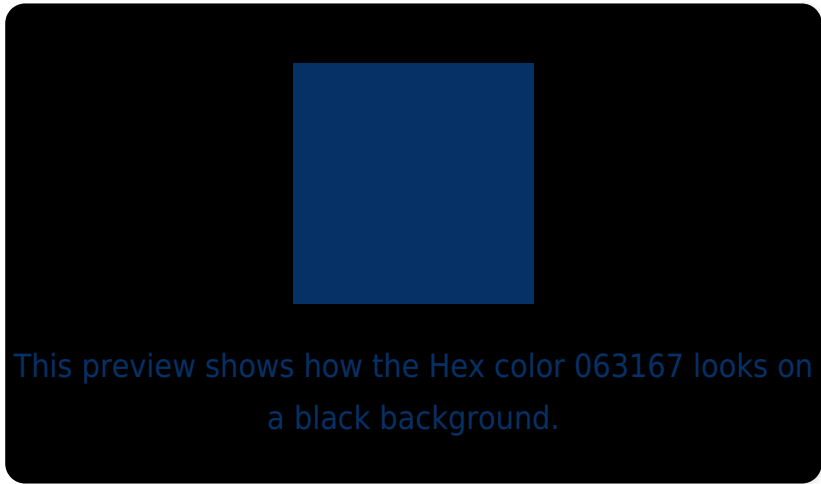
Large Text (above 18pt) WCAG AA ✓ Pass

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

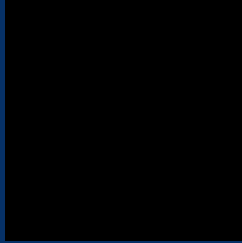
Any Text WCAG AA × Fail

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 063167 Background



This preview shows how black text looks on a background with the Hex color 063167.



This preview shows how white text looks on a background with the Hex color 063167.

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
063167

Protanopia
0B3167

Deuteranopia
00345A

Trichromacy



Original Color
063167

Protanomaly
093167

Deuteranomaly
02335F

Tritanomaly
02354C

Monochromacy



Original Color
063167

Achromatopsia
2A2A2A

Achromatomaly
1D2D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 063167 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 #063167 looks like.

```
.text, #text, p{  
    color:#063167  
}
```

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 #063167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063167
}
```

Border

The CSS property to change the border of an element to Hex 063167 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
#063167 }
```

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

```
.border{ border-color:#063167 }
```

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

Here you see how a box with a 4 pixel #063167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063167; -webkit-box-shadow:4px 4px  
4px 4px #063167; box-shadow:4px 4px 4px  
4px #063167 }
```

Background

The CSS property to change the background color of an element to Hex 063167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063167 }
```

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

```
.background{ background-color:#063167 }
```

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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