

# Converting Colors

Hex(062B41)

Have a look what the booklet for  
Hex(062B41) contains.

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# Color

**Hex(062B41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	062B41
RGB	6, 43, 65
RGB Percent	2%, 17%, 25%
CMY	0.9765, 0.8314, 0.7451
CMYK	0.91, 0.34, 0.00, 0.75
HSL	202°, 83%, 14%
HSV	202°, 91%, 25%
XYZ	1.8931, 2.1481, 5.3159
YIQ	34.4450, -29.1140, -1.0020

# Conversions

## Conversions Part 2

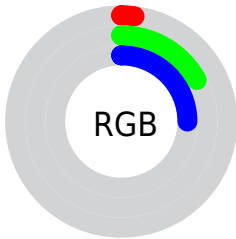
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 29, 65
Decimal	404289
CIELab	16.25, -3.46, -17.50
CIElCh	16, 17.839, 258.824
Yxy	2.1481, 0.2023, 0.2296
Android (android.graphics.Color)	4278594369 (0xFF062B41)
YUV	34.4450, 15.0636, -24.9463
Hunter-Lab	14.6565, -2.5928, -11.2448

# Details

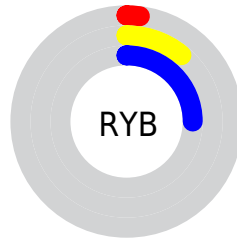
The Hex color **062B41** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **411C06**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3B5871**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **002941**, and if you desaturate by 10%, it is **0C2D41**.

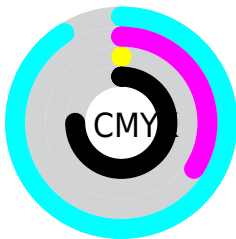
# Distribution



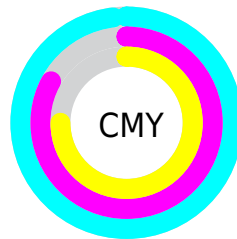
- Red (2%)
- Green (17%)
- Blue (25%)



- Red (2%)
- Yellow (11%)
- Blue (25%)



- Cyan (91%)
- Magenta (34%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (83%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 062B41 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 062B41 by changing the saturation by 10% instead.



062B41

062B41

F7FFFF

00172B

3B5871

000116

54718A

000000

6D8AA5

87A4C0

A2BFDC

BEDBF8

DAF8FF

062B41

062B41

■ 002941

■ 0C2D41

■ 133041

■ 193241

■ 203541

■ 263741

■ 2D3A41

■ 333C41

■ 3A3E41

■ 404141

# Harmonies

## Analogous

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



002E3B



062B41



222740

# Triad

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



062B41



401E21



1A2D17

# Complementary

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



062B41



411C06

# 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.



282A0F



062B41



3D2116

# Square

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



062B41



3E1E2E



34260F



052F23

# Rectangle

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



062B41



2E243C



34260F



1F2C14



# Sweetspot

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



062B41



3D4C54



06411C



1D262B



ABABAB



2B2B2B



# Same Dimension

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



062B41



003554



060E41



1E2021



003D61



008DE0



# Inverse Universe

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



41062B



540035



413906



211E20



61003D



E0008D



# Previews

## White Background



This preview shows how the Hex color 062B41 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

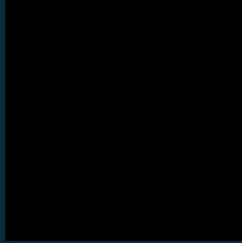
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 062B41 Background



This preview shows how black text looks on a background with the Hex color 062B41.



This preview shows how white text looks on a background with the Hex color 062B41.

# 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**  
062B41

**Protanopia**  
21283E

**Deuteranopia**  
1A2942



# Trichromacy



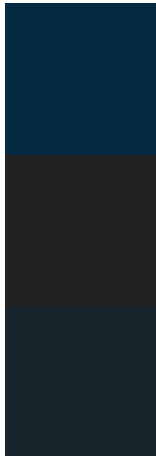
**Original Color**  
062B41

**Protanomaly**  
17293F

**Deuteranomaly**  
132A42

**Tritanomaly**  
022C37

# Monochromacy



**Original Color**  
062B41

**Achromatopsia**  
222222

**Achromatomaly**  
18252D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 062B41 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 #062B41 looks like.

```
.text, #text, p{  
    color:#062B41  
}
```

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 #062B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #062B41
}
```

## Border

The CSS property to change the border of an element to Hex 062B41 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
#062B41 }
```

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

```
.border{ border-color:#062B41 }
```

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

Here you see how a box with a 4 pixel #062B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #062B41; -webkit-box-shadow:4px 4px  
4px 4px #062B41; box-shadow:4px 4px 4px  
4px #062B41 }
```

# Background

The CSS property to change the background color of an element to Hex 062B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#062B41 }
```

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

```
.background{ background-color:#062B41 }
```

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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