

Converting Colors

Hex(062C4A)

Have a look what the booklet for
Hex(062C4A) contains.

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Color

Hex(062C4A)

Conversions

Conversions Part 1

Format	Color
Hex	062C4A
RGB	6, 44, 74
RGB Percent	2%, 17%, 29%
CMY	0.9765, 0.8275, 0.7098
CMYK	0.92, 0.41, 0.00, 0.71
HSL	206°, 85%, 16%
HSV	206°, 92%, 29%
XYZ	2.2118, 2.3345, 6.8126
YIQ	36.0580, -32.2780, 1.2740

Conversions

Conversions Part 2

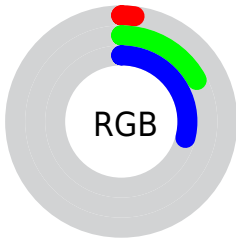
Format	Color
RYB	6, 30, 74
Decimal	404554
CIELab	17.15, -0.15, -22.24
CIELCh	17, 22.239, 269.610
Yxy	2.3345, 0.1947, 0.2055
Android (android.graphics.Color)	4278594634 (0xFF062C4A)
YUV	36.0580, 18.7054, -26.3609
Hunter-Lab	15.2791, -0.8984, -15.7408

Details

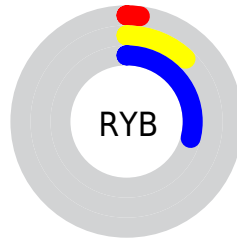
The Hex color **062C4A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4A2406**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3E597B**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **00294A**, and if you desaturate by 10%, it is **0D2F4A**.

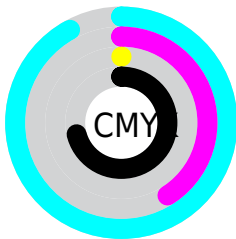
Distribution



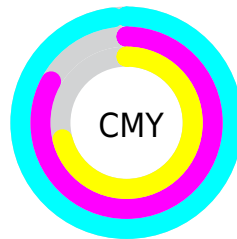
- Red (2%)
- Green (17%)
- Blue (29%)



- Red (2%)
- Yellow (12%)
- Blue (29%)



- Cyan (92%)
- Magenta (41%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 062C4A 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 062C4A by changing the saturation by 10% instead.

062C4A

062C4A

FBFFFF

001833

3E597B

00021E

577295

000000

718BB0

8BA5CB

A6C0E7

C2DCFF

DEF9FF

062C4A

062C4A

■ 00294A

■ 0D2F4A

■ 15334A

■ 1C364A

■ 24394A

■ 2B3C4A

■ 32404A

■ 3A434A

■ 41464A

■ 49494A

Harmonies

Analogous

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



003045



062C4A



2A2646

Triad

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



062C4A



471E1B



0E3119

Complementary

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



062C4A



4A2406

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.



232E0C



062C4A



40230E

Square

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



062C4A



471C2B



332906



003229

Rectangle

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



062C4A



38223F



332906



163015

Sweetspot

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



062C4A



465561



064A23



202930



B0B0B0



303030

Same Dimension

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



062C4A



003661



060B4A



222526



003966



0080E6

Inverse Universe

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



4A062C



610036



4A4506



262225



660039



E60080

Previews

White Background



This preview shows how the Hex color 062C4A looks on a white background.

Color Contrast Check

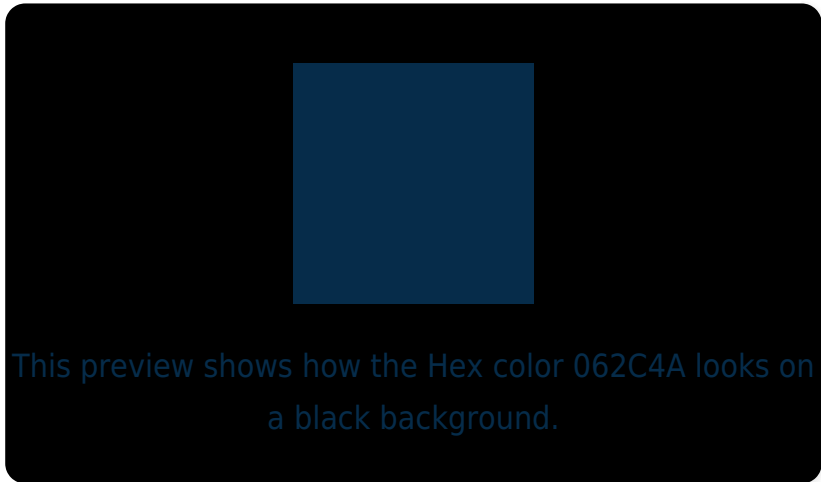
Large Text (above 18pt) WCAG AA ✓ Pass

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

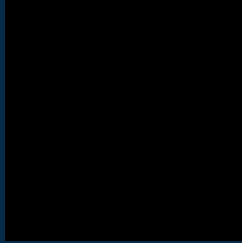
Any Text WCAG AA × Fail

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 062C4A Background



This preview shows how black text looks on a background with the Hex color 062C4A.



This preview shows how white text looks on a background with the Hex color 062C4A.

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
062C4A

Protanopia
1E2A48

Deuteranopia
112B4A



Tritanopia
002F33

Trichromacy



Original Color

062C4A

Protanomaly

152B49

Deuteranomaly

0D2B4A

Tritanomaly

022E3B

Monochromacy



Original Color

062C4A

Achromatopsia

242424

Achromatomaly

192732

CSS Examples

Text

The CSS property to change the color of the text to Hex 062C4A 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 #062C4A looks like.

```
.text, #text, p{  
    color:#062C4A  
}
```

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 #062C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #062C4A
}
```

Border

The CSS property to change the border of an element to Hex 062C4A 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
#062C4A }
```

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

```
.border{ border-color:#062C4A }
```

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

Here you see how a box with a 4 pixel #062C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #062C4A; -webkit-box-shadow:4px 4px  
4px 4px #062C4A; box-shadow:4px 4px 4px  
4px #062C4A }
```

Background

The CSS property to change the background color of an element to Hex 062C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#062C4A }
```

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

```
.background{ background-color:#062C4A }
```

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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