

Converting Colors

Hex(062D2A)

Have a look what the booklet for
Hex(062D2A) contains.

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Color

Hex(062D2A)

Conversions

Conversions Part 1

Format	Color
Hex	062D2A
RGB	6, 45, 42
RGB Percent	2%, 18%, 16%
CMY	0.9765, 0.8235, 0.8353
CMYK	0.87, 0.00, 0.07, 0.82
HSL	175°, 76%, 10%
HSV	175°, 87%, 18%
XYZ	1.4314, 2.0827, 2.5170
YIQ	32.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

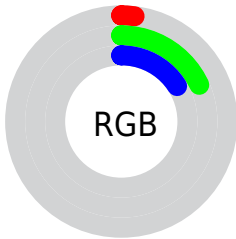
Format	Color
RYB	6, 26, 45
Decimal	404778
CIELab	15.92, -14.09, -1.95
CIELCh	16, 14.225, 187.869
Yxy	2.0827, 0.2373, 0.3453
Android (android.graphics.Color)	4278594858 (0xFF062D2A)
YUV	32.9970, 4.4385, -23.6764
Hunter-Lab	14.4314, -7.5501, -0.2390

Details

The Hex color **062D2A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0609**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **365B57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **012D2A**, and if you desaturate by 10%, it is **0A2D2A**.

Distribution



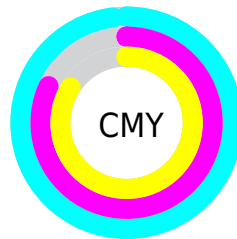
- Red (2%)
- Green (18%)
- Blue (16%)



- Red (2%)
- Yellow (10%)
- Blue (18%)



- Cyan (87%)
- Magenta (0%)
- Yellow (7%)
- Black (82%)



- Cyan (98%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 062D2A 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 062D2A by changing the saturation by 10% instead.

 062D2A

 062D2A

 EFFFFFF

 001916

 365B57

 000000

 4E7470

 678D89

 81A8A3

 9BC3BE

 B7DFDA

 D2FCF6

 062D2A

 062D2A

■ 012D2A

■ 0A2D2A

■ 002D2A

■ 0F2D2B

■ 132D2B

■ 182D2B

■ 1D2D2C

■ 212D2C

■ 262D2C

■ 2A2D2D

■ 2F2D2D

Harmonies

Analogous

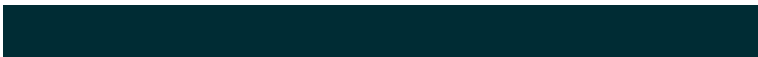
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142C20



062D2A



002C34

Triad

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



062D2A



2C2438



342415

Complementary

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



062D2A



2D0609

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.



3A211C



062D2A



36212F

Square

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



062D2A



1D283B



3B2025



2C2813

Rectangle

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



062D2A



052B38



3B2025



372317

Sweetspot

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



062D2A



2B3B39



092D06



151F1E



9E9E9E



1F1F1F

Same Dimension

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



062D2A



003B36



061D2D



151717



005750



00D6C6

Inverse Universe

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



2D0609



3B0005



2D1606



171515



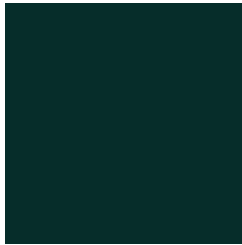
570007



D60010

Previews

White Background



This preview shows how the Hex color 062D2A looks on a white background.

Color Contrast Check

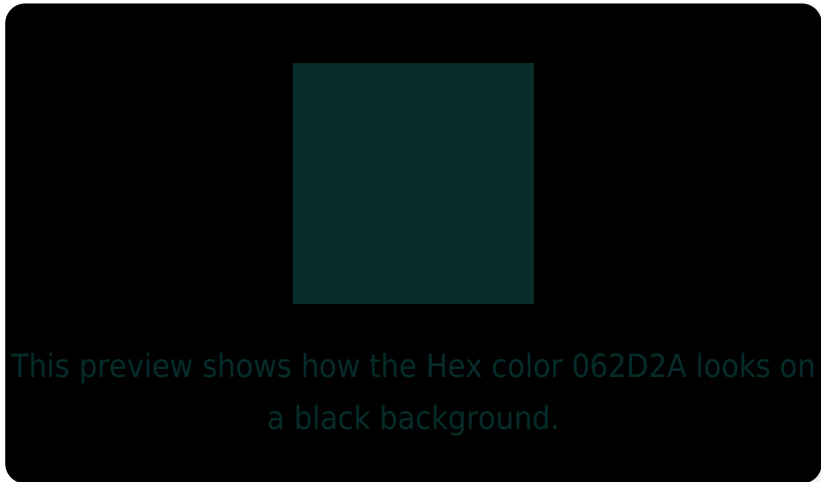
Large Text (above 18pt) WCAG AA ✓ Pass

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

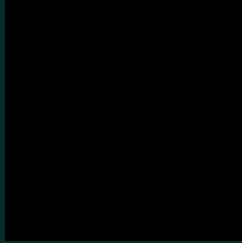
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

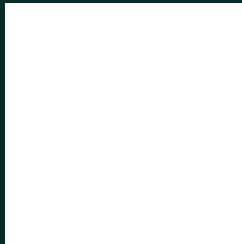
Any Text WCAG AAA × Fail

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

Hex 062D2A Background



This preview shows how black text looks on a background with the Hex color 062D2A.



This preview shows how white text looks on a background with the Hex color 062D2A.

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
062D2A

Protanopia
292827

Deuteranopia
2A272B

Trichromacy



Original Color
062D2A

Protanomaly
1C2A28

Deuteranomaly
1D292B

Tritanomaly
0A2C2E

Monochromacy



Original Color
062D2A

Achromatopsia
212121

Achromatomaly
172524

CSS Examples

Text

The CSS property to change the color of the text to Hex 062D2A 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 #062D2A looks like.

```
.text, #text, p{  
    color:#062D2A  
}
```

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 #062D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #062D2A
}
```

Border

The CSS property to change the border of an element to Hex 062D2A 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
#062D2A }
```

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

```
.border{ border-color:#062D2A }
```

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

Here you see how a box with a 4 pixel #062D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #062D2A; -webkit-box-shadow:4px 4px  
4px 4px #062D2A; box-shadow:4px 4px 4px  
4px #062D2A }
```

Background

The CSS property to change the background color of an element to Hex 062D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#062D2A }
```

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

```
.background{ background-color:#062D2A }
```

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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