

Converting Colors

Hex(00062A)

Have a look what the booklet for
Hex(00062A) contains.

Hex(00062A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00062A)

Conversions

Conversions Part 1

Format	Color
Hex	00062A
RGB	0, 6, 42
RGB Percent	0%, 2%, 16%
CMY	1.0000, 0.9765, 0.8353
CMYK	1.00, 0.86, 0.00, 0.84
HSL	231°, 100%, 8%
HSV	231°, 100%, 16%
XYZ	0.4830, 0.2974, 2.2224
YIQ	8.3100, -15.1320, 9.9240

Conversions

Conversions Part 2

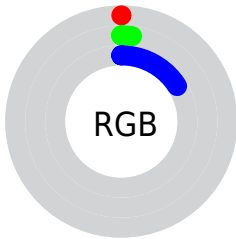
Format	Color
RYB	0, 5, 42
Decimal	1578
CIELab	2.69, 8.21, -22.44
CIELCh	3, 23.894, 290.090
Yxy	0.2974, 0.1609, 0.0990
Android (android.graphics.Color)	4278191658 (0xFF00062A)
YUV	8.3100, 16.6092, -7.2879
Hunter-Lab	5.4536, 6.2666, -20.3442

Details

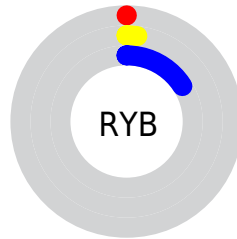
The Hex color **00062A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A2400**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **2E3458**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00062A**, and if you desaturate by 10%, it is **040A2A**.

Distribution



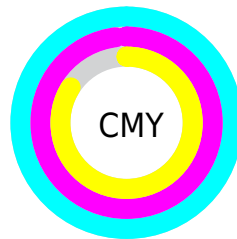
- Red (0%)
- Green (2%)
- Blue (16%)



- Red (0%)
- Yellow (2%)
- Blue (16%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (98%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00062A 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 00062A by changing the saturation by 10% instead.

00062A

00062A

E4E7FF

000115

2E3458

000000

454A70

5E628A

777BA4

9195BF

ACAFDB

C8CBF8

00062A

■ 040A2A

■ 080D2A

■ 0D112A

■ 11142A

■ 15182A

■ 191C2A

■ 1D1F2A

■ 22232A

■ 26262A

Harmonies

Analogous

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



000F2B



00062A



1C0021

Triad

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



00062A



230000



001100

Complementary

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



00062A



2A2400

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.



001100



00062A



160600

Square

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



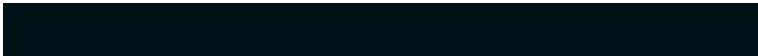
00062A



290000



000F00



001218

Rectangle

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



00062A



240018



000F00



001100

Sweetspot

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



00062A



252836



002A24



12131C



9C9C9C



1C1C1C

Same Dimension

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



00062A



000836



0F002A



121314



000C54



001ED4

Inverse Universe

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



2A0006



360008



1B2A00



141213



54000C



D4001E

Previews

White Background



This preview shows how the Hex color 00062A looks on a white background.

Color Contrast Check

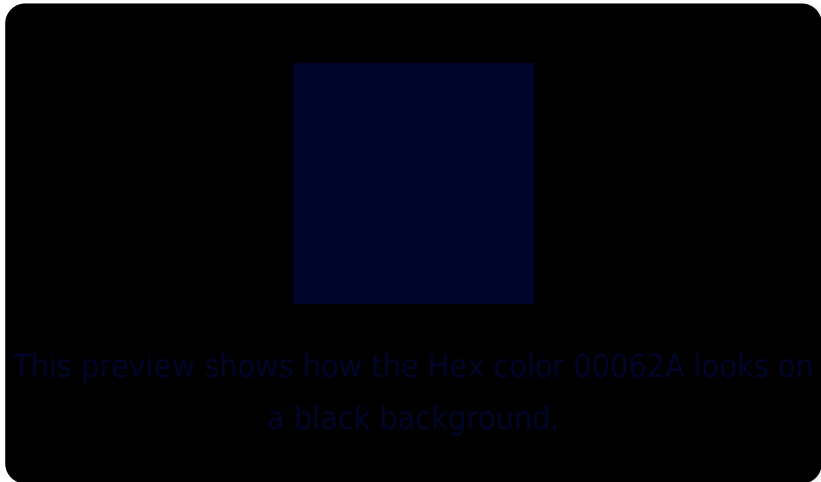
Large Text (above 18pt) WCAG AA ✓ Pass

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

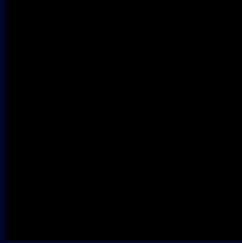
Any Text WCAG AA × Fail

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 00062A Background



This preview shows how black text looks on a background with the Hex color 00062A.



This preview shows how white text looks on a background with the Hex color 00062A.

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

00062A

Protanopia

000D1B

Deuteranopia

000E17



Tritanopia
000F10

Trichromacy



Original Color

00062A

Protanomaly

000A20

Deuteranomaly

000B1E

Tritanomaly

000C19

Monochromacy



Original Color

00062A

Achromatopsia

080808

Achromatomaly

050714

CSS Examples

Text

The CSS property to change the color of the text to Hex 00062A 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 #00062A looks like.

```
.text, #text, p{  
    color:#00062A  
}
```

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 #00062A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00062A
}
```

Border

The CSS property to change the border of an element to Hex 00062A 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
#00062A }
```

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

```
.border{ border-color:#00062A }
```

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

Here you see how a box with a 4 pixel #00062A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00062A; -webkit-box-shadow:4px 4px  
4px 4px #00062A; box-shadow:4px 4px 4px  
4px #00062A }
```

Background

The CSS property to change the background color of an element to Hex 00062A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00062A }
```

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

```
.background{ background-color:#00062A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor