

Converting Colors

Hex(062E02)

Have a look what the booklet for
Hex(062E02) contains.

Hex(062E02)	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(062E02)

Conversions

Conversions Part 1

Format	Color
Hex	062E02
RGB	6, 46, 2
RGB Percent	2%, 18%, 1%
CMY	0.9765, 0.8196, 0.9922
CMYK	0.87, 0.00, 0.96, 0.82
HSL	115°, 92%, 9%
HSV	115°, 96%, 18%
XYZ	1.0631, 1.9971, 0.3869
YIQ	29.0240, -9.7160, -22.1640

Conversions

Conversions Part 2

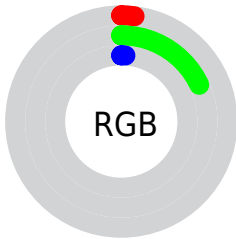
Format	Color
R_{YB}	2, 46, 42
Decimal	404994
CIE _{Lab}	15.47, -23.84, 21.14
CIE _{LCh}	15, 31.863, 138.430
Yxy	1.9971, 0.3084, 0.5794
Android (android.graphics.Color)	4278595074 (0xFF062E02)
YUV	29.0240, -13.3228, -20.1920
Hunter-Lab	14.1318, -11.3032, 8.2691

Details

The Hex color **062E02** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A022E**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **355D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **042E00**, and if you desaturate by 10%, it is **0A2E07**.

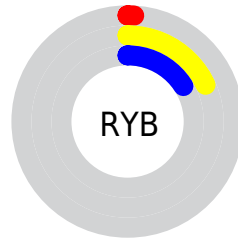
Distribution



Red (2%)

Green (18%)

Blue (1%)



Red (1%)

Yellow (18%)

Blue (16%)

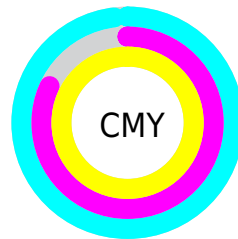


Cyan (87%)

Magenta (0%)

Yellow (96%)

Black (82%)



Cyan (98%)

Magenta (82%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 062E02 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 062E02 by changing the saturation by 10% instead.

 062E02

 062E02

 EEFFE4

 001C00

 355D30

 000000

 4E7547

 668F5F

 80AA78

 9BC592

 B6E1AD

 D2FEC8

 062E02

 062E02

■ 042E00

■ 0A2E07

■ 0E2E0B

■ 132E10

■ 172E14

■ 1B2E19

■ 1F2E1E

■ 232E22

■ 272E27

■ 2C2E2B

Harmonies

Analogous

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



252A00



062E02



00301D

Triad

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



062E02



002C53



4E0E1A

Complementary

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



062E02



2A022E

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.



4A0E30



062E02



0F2452

Square

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



062E02



003048



381945



471800

Rectangle

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



062E02



00312D



381945



4E0C21

Sweetspot

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



062E02



2B3B2A



2E2A02



151F14



9E9E9E



1F1F1F

Same Dimension

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



062E02



053B00



022E14



151715



085700



13D600

Inverse Universe

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



2A022E



35003B



2E021C



171517



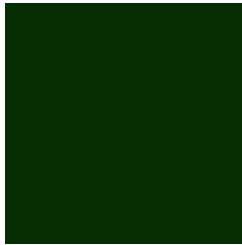
4F0057



C300D6

Previews

White Background



This preview shows how the Hex color 062E02 looks on a white background.

Color Contrast Check

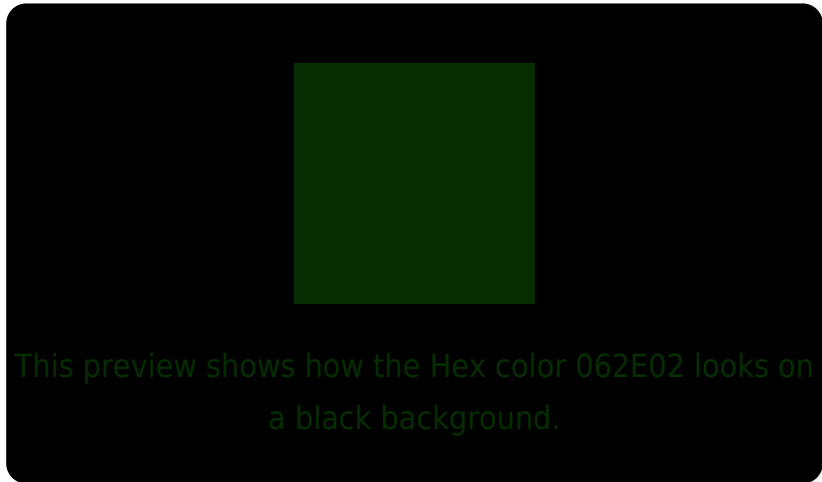
Large Text (above 18pt) WCAG AA ✓ Pass

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

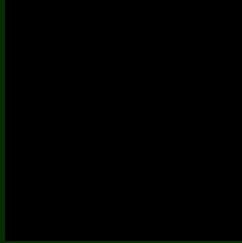
Any Text WCAG AA × Fail

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 062E02 Background



This preview shows how black text looks on a background with the Hex color 062E02.



This preview shows how white text looks on a background with the Hex color 062E02.

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
062E02

Protanopia
2C2700

Deuteranopia
31250A



Tritanopia
142B2E

Trichromacy



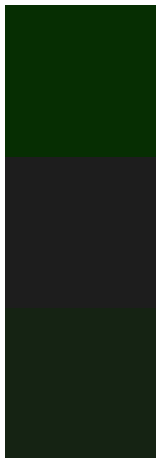
Original Color
062E02

Protanomaly
1E2A01

Deuteranomaly
212807

Tritanomaly
0F2C1E

Monochromacy



Original Color
062E02

Achromatopsia
1D1D1D

Achromatomaly
152313

CSS Examples

Text

The CSS property to change the color of the text to Hex 062E02 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 #062E02 looks like.

```
.text, #text, p{  
    color:#062E02  
}
```

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 #062E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #062E02
}
```

Border

The CSS property to change the border of an element to Hex 062E02 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".

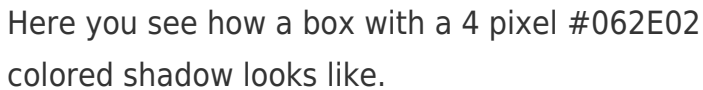
```
.border, #border, table{ border:4px solid
#062E02 }
```

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

```
.border{ border-color:#062E02 }
```

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

Here you see how a box with a 4 pixel #062E02 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #062E02; -webkit-box-shadow:4px 4px  
4px 4px #062E02; box-shadow:4px 4px 4px  
4px #062E02 }
```

Background

The CSS property to change the background color of an element to Hex 062E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#062E02 }
```

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

```
.background{ background-color:#062E02 }
```

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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