

Converting Colors

Hex(060A00)

Have a look what the booklet for
Hex(060A00) contains.

Hex(060A00)	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(060A00)

Conversions

Conversions Part 1

Format	Color
Hex	060A00
RGB	6, 10, 0
RGB Percent	2%, 4%, 0%
CMY	0.9765, 0.9608, 1.0000
CMYK	0.40, 0.00, 1.00, 0.96
HSL	84°, 100%, 2%
HSV	84°, 100%, 4%
XYZ	0.1836, 0.2558, 0.0397
YIQ	7.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

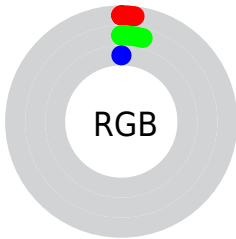
Format	Color
RYB	0, 10, 4
Decimal	395776
CIELab	2.31, -2.44, 3.42
CIElCh	2, 4.196, 125.501
Yxy	0.2558, 0.3833, 0.5339
Android (android.graphics.Color)	4278585856 (0xFF060A00)
YUV	7.6640, -3.7784, -1.4593
Hunter-Lab	5.0577, -2.3695, 3.0750

Details

The Hex color **060A00** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **04000A**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **343630**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **060A00**, and if you desaturate by 10%, it is **060A01**.

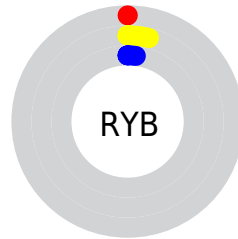
Distribution



Red (2%)

Green (4%)

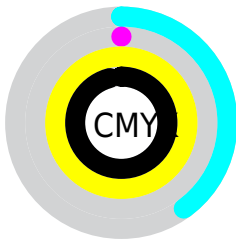
Blue (0%)



Red (0%)

Yellow (4%)

Blue (2%)

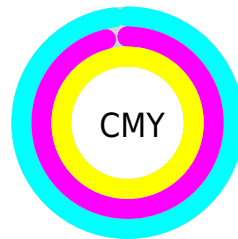


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (96%)



Cyan (98%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 060A00 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 060A00 by changing the saturation by 10% instead.

■ 060A00

■ 060A00

■ E7EAE2

■ 000000

■ 343630

■ 4A4D47

■ 62655E

■ 7B7E77

■ 959891

■ AFB2AB

■ CBCEC6

■ 060A00

■ 060A01

■ 070A02

■ 070A03

■ 080A04

■ 080A05

■ 080A06

■ 090A07

■ 090A08

■ 0A0A09

Harmonies

Analogous

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



0C0800



060A00



000B04

Triad

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



060A00



000A10



120508

Complementary

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



060A00



04000A

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.



0F060D



060A00



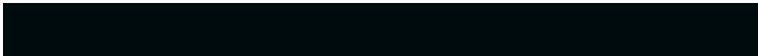
050911

Square

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



060A00



000B0E



0B0710



120603

Rectangle

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



060A00



000C07



0B0710



110509

Sweetspot

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



060A00



0B0D09



0A0400



070805



878787



080808

Same Dimension

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



060A00



080D00



010A00



050505



294500



76C400

Inverse Universe

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



04000A



05000D



09000A



050505



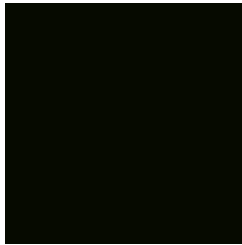
1C0045



4F00C4

Previews

White Background



This preview shows how the Hex color 060A00 looks on a white background.

Color Contrast Check

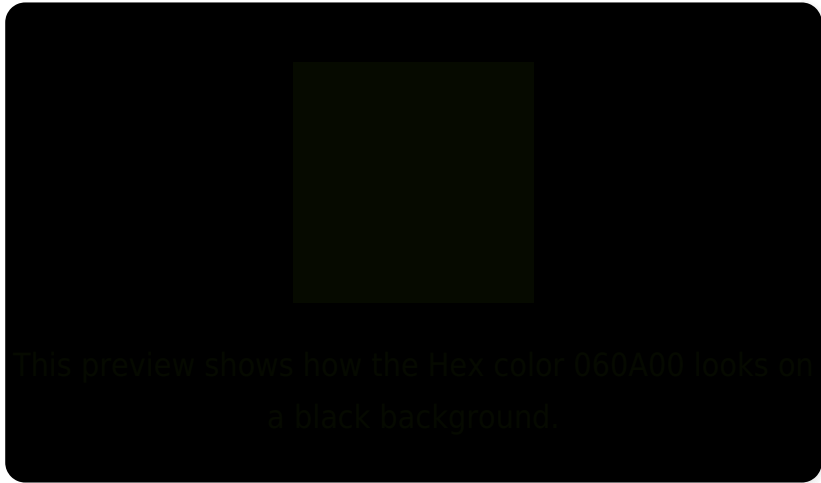
Large Text (above 18pt) WCAG AA ✓ Pass

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

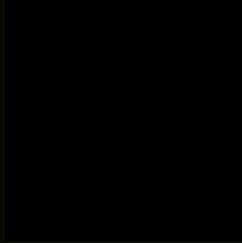
Any Text WCAG AA × Fail

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 060A00 Background



This preview shows how black text looks on a background with the Hex color 060A00.



This preview shows how white text looks on a background with the Hex color 060A00.

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](#).

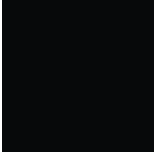
Dichromacy



Original Color
060A00

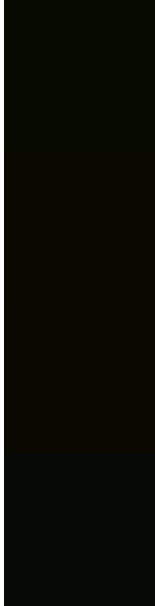
Protanopia
0A0900

Deuteranopia
0B0802



Tritanopia
07090A

Trichromacy



Original Color
060A00

Protanomaly
090900

Deuteranomaly
090901

Tritanomaly
070906

Monochromacy



Original Color
060A00

Achromatopsia
080808

Achromatomaly
070905

CSS Examples

Text

The CSS property to change the color of the text to Hex 060A00 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 #060A00 looks like.

```
.text, #text, p{  
    color:#060A00  
}
```

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 #060A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #060A00
}
```

Border

The CSS property to change the border of an element to Hex 060A00 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
#060A00 }
```

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

```
.border{ border-color:#060A00 }
```

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

Here you see how a box with a 4 pixel #060A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #060A00; -webkit-box-shadow:4px 4px  
4px 4px #060A00; box-shadow:4px 4px 4px  
4px #060A00 }
```

Background

The CSS property to change the background color of an element to Hex 060A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#060A00 }
```

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

```
.background{ background-color:#060A00 }
```

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