

Converting Colors

Hex(062109)

Have a look what the booklet for
Hex(062109) contains.

Hex(062109)	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(062109)

Conversions

Conversions Part 1

Format	Color
Hex	062109
RGB	6, 33, 9
RGB Percent	2%, 13%, 4%
CMY	0.9765, 0.8706, 0.9647
CMYK	0.82, 0.00, 0.73, 0.87
HSL	127°, 69%, 8%
HSV	127°, 82%, 13%
XYZ	0.6683, 1.1462, 0.4445
YIQ	22.1910, -8.3880, -13.1880

Conversions

Conversions Part 2

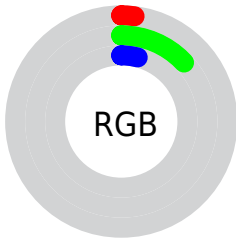
Format	Color
RYB	6, 30, 33
Decimal	401673
CIELab	10.15, -16.39, 11.15
CIELCh	10, 19.825, 145.777
Yxy	1.1462, 0.2958, 0.5074
Android (android.graphics.Color)	4278591753 (0xFF062109)
YUV	22.1910, -6.5032, -14.1995
Hunter-Lab	10.7059, -7.5931, 5.0327

Details

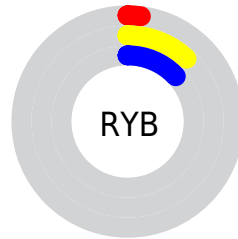
The Hex color **062109** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21061E**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **324D35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **032106**, and if you desaturate by 10%, it is **09210C**.

Distribution



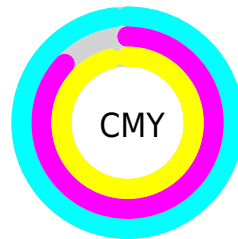
- Red (2%)
- Green (13%)
- Blue (4%)



- Red (2%)
- Yellow (12%)
- Blue (13%)



- Cyan (82%)
- Magenta (0%)
- Yellow (73%)
- Black (87%)



- Cyan (98%)
- Magenta (87%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 062109 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 062109 by changing the saturation by 10% instead.

062109

062109

E7FFE9

000100

324D35

000000

49664C

617F64

7A997D

94B497

AFCFB2

CAEBCD

062109

062109

■ 032106

■ 09210C

■ 002104

■ 0D210F

■ 102112

■ 132115

■ 162118

■ 1A211B

■ 1D211E

■ 202120

■ 242123

Harmonies

Analogous

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



1A1E00



062109



002219

Triad

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



062109



001E36



341010

Complementary

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



062109



21061E

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.



330F1E



062109



191934

Square

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



062109



002132



2A132B



2F1500

Rectangle

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



062109



002223



2A132B



341015

Sweetspot

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



062109



212B22



1E2106



101711



969696



171717

Same Dimension

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



062109



012B06



062116



0E0F0E



004F09



00CF17

Inverse Universe

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



21061E



2B0127



210611



0F0E0F



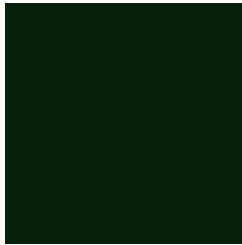
4F0046



CF00B8

Previews

White Background



This preview shows how the Hex color 062109 looks on a white background.

Color Contrast Check

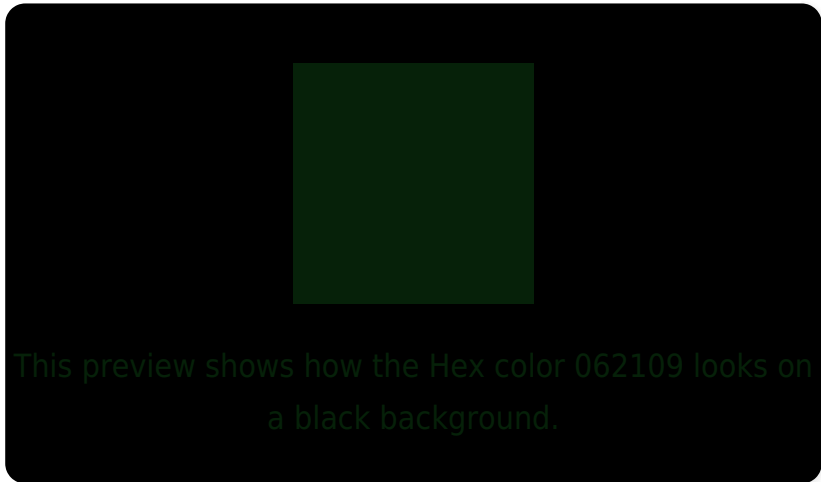
Large Text (above 18pt) WCAG AA ✓ Pass

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

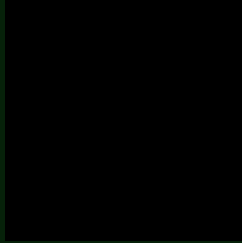
Any Text WCAG AA × Fail

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 062109 Background



This preview shows how black text looks on a background with the Hex color 062109.



This preview shows how white text looks on a background with the Hex color 062109.

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
062109

Protanopia
201C08

Deuteranopia
231B0B



Tritanopia
0F1F21

Trichromacy



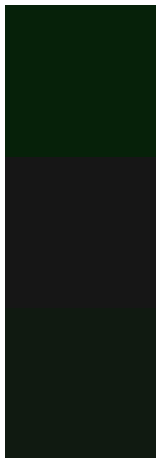
Original Color
062109

Protanomaly
171E08

Deuteranomaly
181D0A

Tritanomaly
0C2018

Monochromacy



Original Color
062109

Achromatopsia
161616

Achromatomaly
101A11

CSS Examples

Text

The CSS property to change the color of the text to Hex 062109 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 #062109 looks like.

```
.text, #text, p{  
    color:#062109  
}
```

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 #062109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #062109
}
```

Border

The CSS property to change the border of an element to Hex 062109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

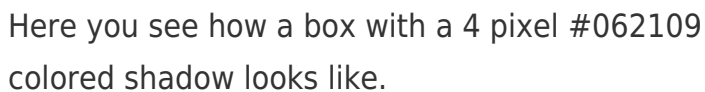
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#062109 }
```

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

```
.border{ border-color:#062109 }
```

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



Here you see how a box with a 4 pixel #062109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #062109; -webkit-box-shadow:4px 4px  
4px 4px #062109; box-shadow:4px 4px 4px  
4px #062109 }
```

Background

The CSS property to change the background color of an element to Hex 062109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#062109 }
```

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

```
.background{ background-color:#062109 }
```

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