

Converting Colors

Hex(052009)

Have a look what the booklet for
Hex(052009) contains.

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Color

Hex(052009)

Conversions

Conversions Part 1

Format	Color
Hex	052009
RGB	5, 32, 9
RGB Percent	2%, 13%, 4%
CMY	0.9804, 0.8745, 0.9647
CMYK	0.84, 0.00, 0.72, 0.87
HSL	129°, 73%, 7%
HSV	129°, 84%, 13%
XYZ	0.6284, 1.0850, 0.4348
YIQ	21.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

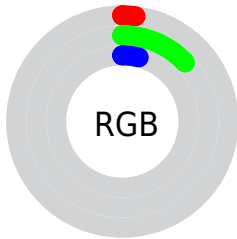
Format	Color
RYB	5, 29, 32
Decimal	335881
CIELab	9.68, -15.98, 10.47
CIELCh	10, 19.109, 146.769
Yxy	1.0850, 0.2925, 0.5051
Android (android.graphics.Color)	4278525961 (0xFF052009)
YUV	21.3050, -6.0664, -14.2995
Hunter-Lab	10.4164, -7.4600, 4.8169

Details

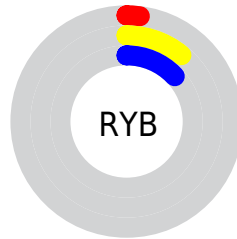
The Hex color **052009** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20051C**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **314C35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **022006**, and if you desaturate by 10%, it is **08200C**.

Distribution



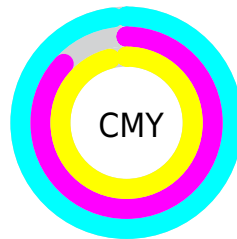
- Red (2%)
- Green (13%)
- Blue (4%)



- Red (2%)
- Yellow (11%)
- Blue (13%)



- Cyan (84%)
- Magenta (0%)
- Yellow (72%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 052009 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 052009 by changing the saturation by 10% instead.

 052009

 052009

 E6FFE9

 000000

 314C35

 48644C

 607D64

 79977D

 93B297

 AECEB1

 C9EACD

 052009

 052009

■ 022006

■ 08200C

■ 002005

■ 0B200E

■ 0F2011

■ 122014

■ 152017

■ 182019

■ 1B201C

■ 1F201F

■ 222022

Harmonies

Analogous

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



191D00



052009



002119

Triad

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



052009



001D34



32100F

Complementary

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



052009



20051C

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.



310F1D



052009



191832

Square

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



052009



002030



291329



2E1500

Rectangle

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



052009



002122



291329



320F14

Sweetspot

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



052009



1F2920



1C2005



0E140F



949494



141414

Same Dimension

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



052009



002906



052016



0E0F0E



004F0C



00CF1F

Inverse Universe

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



20051C



290023



20050F



0F0E0F



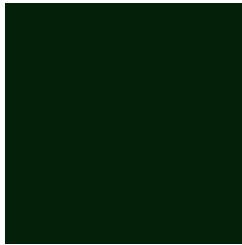
4F0043



CF00B0

Previews

White Background



This preview shows how the Hex color 052009 looks on a white background.

Color Contrast Check

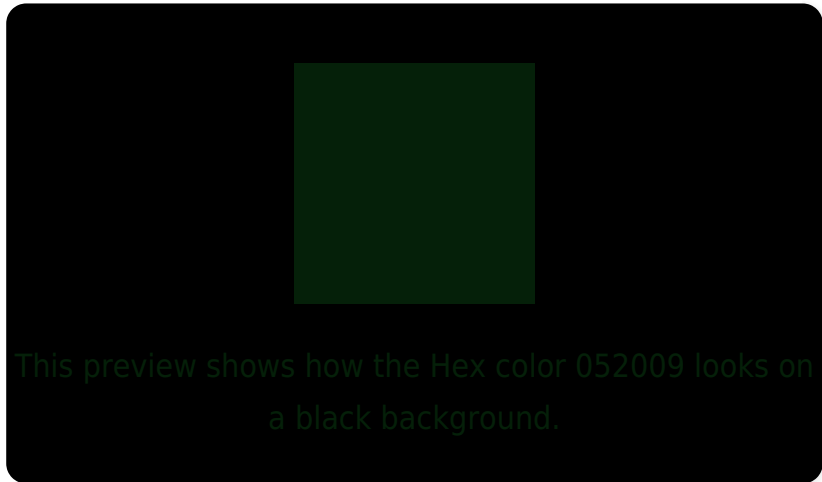
Large Text (above 18pt) WCAG AA ✓ Pass

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

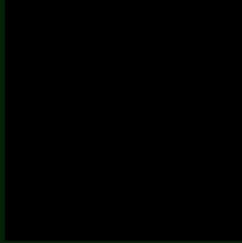
Any Text WCAG AA × Fail

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 052009 Background



This preview shows how black text looks on a background with the Hex color 052009.



This preview shows how white text looks on a background with the Hex color 052009.

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
052009

Protanopia
1F1C08

Deuteranopia
221A0B

Trichromacy



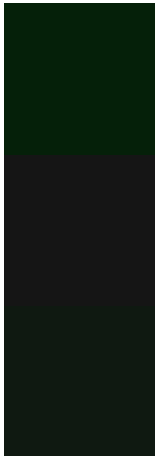
Original Color
052009

Protanomaly
161D08

Deuteranomaly
171C0A

Tritanomaly
0B1F18

Monochromacy



Original Color
052009

Achromatopsia
151515

Achromatomaly
0F1911

CSS Examples

Text

The CSS property to change the color of the text to Hex 052009 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 #052009 looks like.

```
.text, #text, p{  
    color:#052009  
}
```

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 #052009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052009
}
```

Border

The CSS property to change the border of an element to Hex 052009 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".

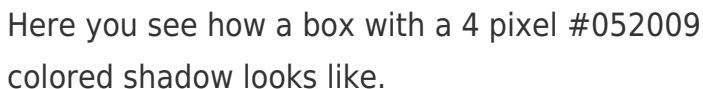
```
.border, #border, table{ border:4px solid
#052009 }
```

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

```
.border{ border-color:#052009 }
```

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

Here you see how a box with a 4 pixel #052009 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052009; -webkit-box-shadow:4px 4px  
4px 4px #052009; box-shadow:4px 4px 4px  
4px #052009 }
```

Background

The CSS property to change the background color of an element to Hex 052009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052009 }
```

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

```
.background{ background-color:#052009 }
```

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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