

Converting Colors

Hex(044609)

Have a look what the booklet for
Hex(044609) contains.

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Color

Hex(044609)

Conversions

Conversions Part 1

Format	Color
Hex	044609
RGB	4, 70, 9
RGB Percent	2%, 27%, 4%
CMY	0.9843, 0.7255, 0.9647
CMYK	0.94, 0.00, 0.87, 0.73
HSL	125°, 89%, 15%
HSV	125°, 94%, 27%
XYZ	2.2895, 4.4259, 0.9920
YIQ	43.3120, -19.7550, -32.9630

Conversions

Conversions Part 2

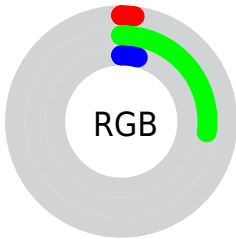
Format	Color
R_{YB}	4, 65, 70
Decimal	280073
CIE _{Lab}	25.03, -32.46, 28.97
CIE _{LCh}	25, 43.510, 138.249
Y _{xy}	4.4259, 0.2971, 0.5742
Android (android.graphics.Color)	4278470153 (0xFF044609)
YUV	43.3120, -16.9158, -34.4766
Hunter-Lab	21.0377, -17.3898, 11.9305

Details

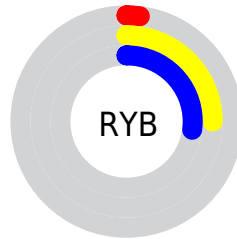
The Hex color **044609** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **460441**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3E7738**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **004605**, and if you desaturate by 10%, it is **0B460F**.

Distribution



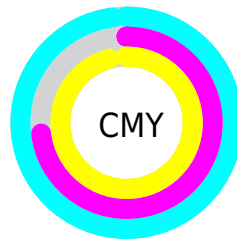
- Red (2%)
- Green (27%)
- Blue (4%)



- Red (2%)
- Yellow (25%)
- Blue (27%)



- Cyan (94%)
- Magenta (0%)
- Yellow (87%)
- Black (73%)



- Cyan (98%)
- Magenta (73%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Hex color 044609 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 044609 by changing the saturation by 10% instead.

 044609

 044609

 FDFFF0

 002F00

 3E7738

 001A00

 589150

 000000

 72AC68

 8CC882

 A8E49C

 C4FFB7

 E0FFD3

 044609

 044609

■ 004605

■ 0B460F

■ 124616

■ 19461C

■ 204623

■ 274629

■ 2E4630

■ 354636

■ 3C463D

■ 434643

Harmonies

Analogous

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



374000



044609



00492D

Triad

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



044609



00437C



741529

Complementary

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



044609



460441

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.



6F164A



044609



14387B

Square

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



044609



00486C



552868



6A2608

Rectangle

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



044609



004A44



552868



741234

Sweetspot

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



044609



425C44



424604



1E2E1F



ADADAD



2E2E2E

Same Dimension

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



044609



005C07



044629



202420



006308



00E311

Inverse Universe

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



460441



5C0055



460421



242023



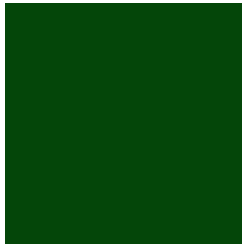
63005C



E300D2

Previews

White Background



This preview shows how the Hex color 044609 looks on a white background.

Color Contrast Check

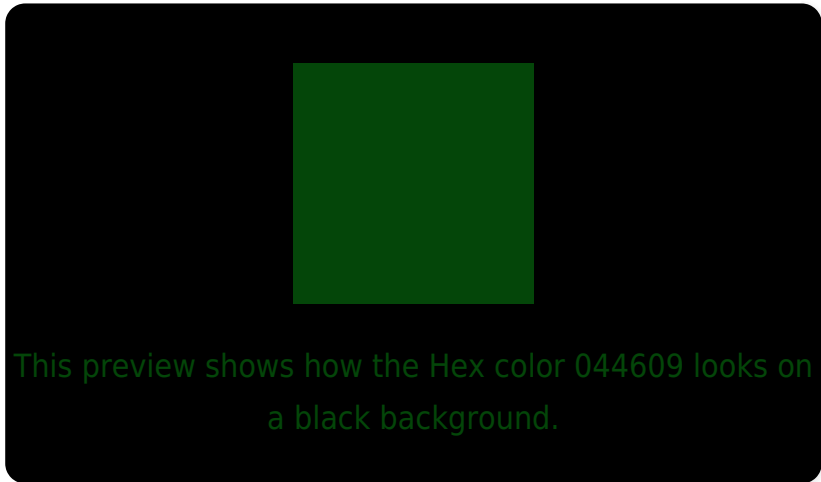
Large Text (above 18pt) WCAG AA ✓ Pass

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

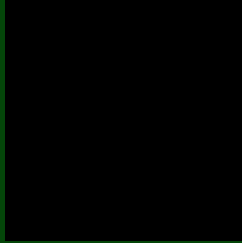
Any Text WCAG AA × Fail

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 044609 Background



This preview shows how black text looks on a background with the Hex color 044609.



This preview shows how white text looks on a background with the Hex color 044609.

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
044609

Protanopia
433C05

Deuteranopia
4B3911



Tritanopia
1D4146

Trichromacy



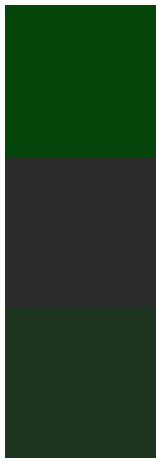
Original Color
044609

Protanomaly
2C4006

Deuteranomaly
313E0E

Tritanomaly
144330

Monochromacy



Original Color
044609

Achromatopsia
2B2B2B

Achromatomaly
1D351F

CSS Examples

Text

The CSS property to change the color of the text to Hex 044609 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 #044609 looks like.

```
.text, #text, p{  
    color:#044609  
}
```

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 #044609 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044609
}
```

Border

The CSS property to change the border of an element to Hex 044609 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
#044609 }
```

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

```
.border{ border-color:#044609 }
```

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

Here you see how a box with a 4 pixel #044609 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044609; -webkit-box-shadow:4px 4px  
4px 4px #044609; box-shadow:4px 4px 4px  
4px #044609 }
```

Background

The CSS property to change the background color of an element to Hex 044609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044609 }
```

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

```
.background{ background-color:#044609 }
```

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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