

Converting Colors

Hex(044905)

Have a look what the booklet for
Hex(044905) contains.

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Color

Hex(044905)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 044905 |
| RGB | 4, 73, 5 |
| RGB Percent | 2%, 29%, 2% |
| CMY | 0.9843, 0.7137, 0.9804 |
| CMYK | 0.95, 0.00, 0.93, 0.71 |
| HSL | 121°, 90%, 15% |
| HSV | 121°, 95%, 29% |
| XYZ | 2.4600, 4.8019, 0.9408 |
| YIQ | 44.6170, -19.2960, -35.7760 |

Conversions

Conversions Part 2

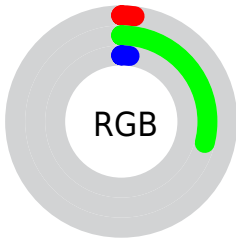
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 4, 72, 73 |
| Decimal | 280837 |
| CIELab | 26.16, -33.84, 31.65 |
| CIElCh | 26, 46.332, 136.910 |
| Yxy | 4.8019, 0.2999, 0.5854 |
| Android (android.graphics.Color) | 4278470917 (0xFF044905) |
| YUV | 44.6170, -19.5312, -35.6211 |
| Hunter-Lab | 21.9131, -18.3093, 12.7938 |

Details

The Hex color **044905** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **490448**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3F7B35**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **004901**, and if you desaturate by 10%, it is **0B490C**.

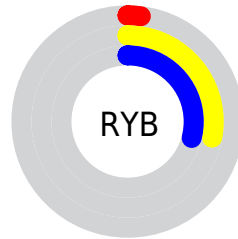
Distribution



Red (2%)

Green (29%)

Blue (2%)



Red (2%)

Yellow (28%)

Blue (29%)

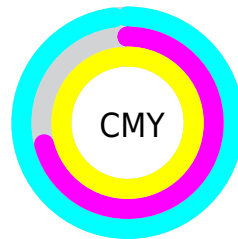


Cyan (95%)

Magenta (0%)

Yellow (93%)

Black (71%)



Cyan (98%)

Magenta (71%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044905 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 044905 by changing the saturation by 10% instead.

 044905

 044905

 FFFFED

 003200

 3F7B35

 001E00

 59954D

 000000

 74B066

 8ECB80

 AAE89A

 C6FFB5

 E2FFD1

 044905

 044905

■ 004901

■ 0B490C

■ 134913

■ 1A491B

■ 214922

■ 294929

■ 304930

■ 374937

■ 3E493F

■ 464946

Harmonies

Analogous

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



3B4200



044905



004C2D

Triad

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



044905



004783



7B122C

Complementary

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



044905



490448

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.



74154F



044905



023B82

Square

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



044905



004C71



572A6F



702509

Rectangle

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



044905



004D45



572A6F



7B0F37

Sweetspot

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



044905



445E44



494904



203020



B0B0B0



303030

Same Dimension

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



044905



005E01



044927



202420



006301



00E303

Inverse Universe

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



490448



5E005D



490427



242024



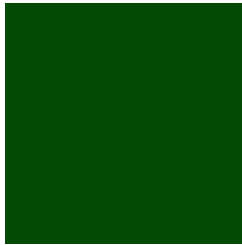
630062



E300E0

Previews

White Background



This preview shows how the Hex color 044905 looks on a white background.

Color Contrast Check

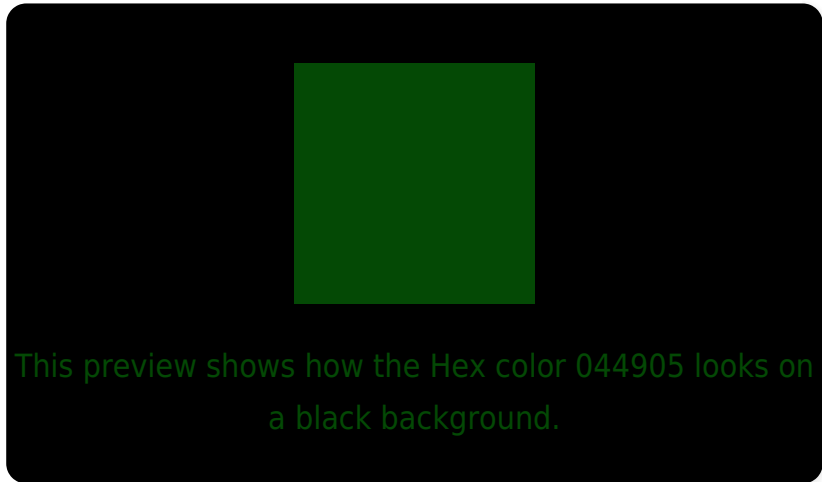
Large Text (above 18pt) WCAG AA ✓ Pass

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

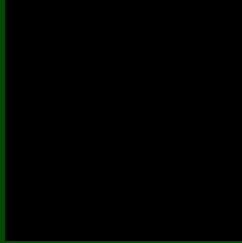
Any Text WCAG AA × Fail

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 044905 Background



This preview shows how black text looks on a background with the Hex color 044905.



This preview shows how white text looks on a background with the Hex color 044905.

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
044905

Protanopia
463F00

Deuteranopia
4E3B10



Tritanopia
1F4449

Trichromacy



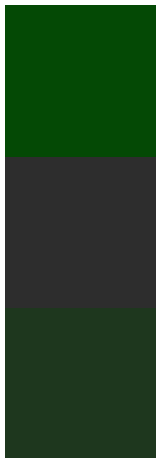
Original Color
044905

Protanomaly
2E4302

Deuteranomaly
33400C

Tritanomaly
154630

Monochromacy



Original Color
044905

Achromatopsia
2D2D2D

Achromatomaly
1E371E

CSS Examples

Text

The CSS property to change the color of the text to Hex 044905 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 #044905 looks like.

```
.text, #text, p{  
    color:#044905  
}
```

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 #044905 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044905
}
```

Border

The CSS property to change the border of an element to Hex 044905 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".

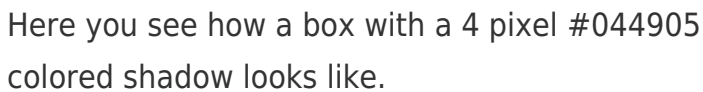
```
.border, #border, table{ border:4px solid
#044905 }
```

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

```
.border{ border-color:#044905 }
```

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

Here you see how a box with a 4 pixel #044905 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044905; -webkit-box-shadow:4px 4px  
4px 4px #044905; box-shadow:4px 4px 4px  
4px #044905 }
```

Background

The CSS property to change the background color of an element to Hex 044905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044905 }
```

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

```
.background{ background-color:#044905 }
```

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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